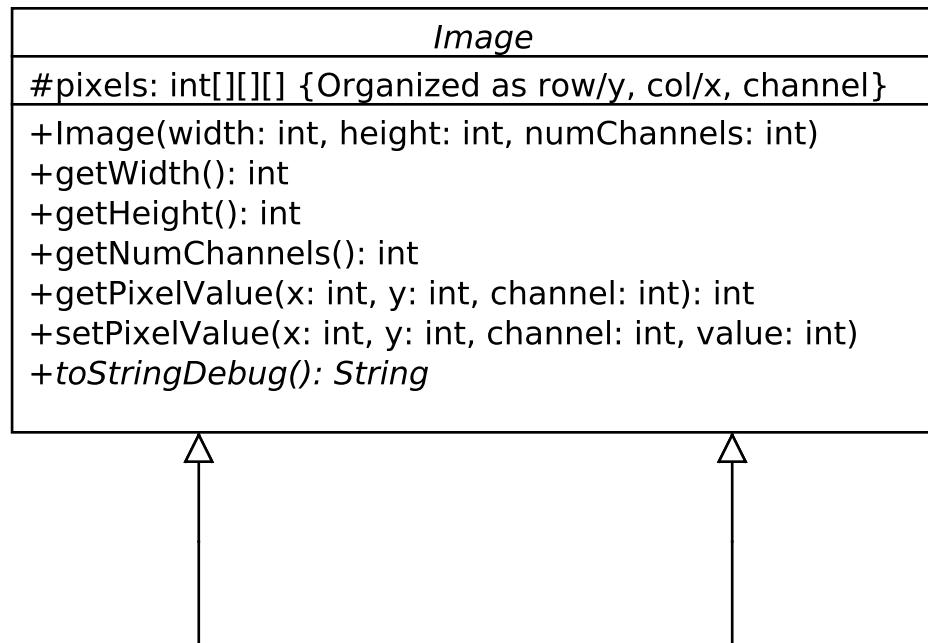


ImageTransforms

```
+adjustBrightness(image: RgbImage, amount int): RgbImage  
+adjustBrightness(image: GrayscaleImage, amount int): GrayscaleImage  
+convertToGrayscale(image: RgbImage): GrayscaleImage  
+getSubImage(image: GrayscaleImage, x: int, y: int, width:int, height:int): GrayscaleImage  
+getSubImage(image: RgbImage, x: int, y: int, width:int, height:int): RgbImage  
+threshold(image: GrayscaleImage, int threshold): GrayscaleImage
```



GrayscaleImage

```
+GrayscaleImage(width: int, height: int, value: int)  
+GrayscaleImage(width: int, height: int)  
+GrayscaleImage(image: GrayscaleImage)  
+getPixelValue(x: int, y: int): int  
+setPixelValue(x: int, y: int, value: int)  
+toString(): String  
+toStringDebug(): String
```

RgbImage

```
+RgbImage(width: int, height: int, color: java.awt.Color)  
+RgbImage(width: int, height: int)  
+RgbImage(image: RgbImage)  
+getRed(x: int, y: int): int  
+getGreen(x: int, y: int): int  
+getBlue(x: int, y: int): int  
+setPixelValue(x: int, y: int, color: java.awt.Color)  
+setRed(x: int, y: int, value: int)  
+setGreen(x: int, y: int, value: int)  
+setBlue(x: int, y: int, value: int)  
+toString(): String  
+toStringDebug(): String
```