

Converting Colors

`RYB(126, 177, 227)`

Have a look what the booklet for
RYB(126, 177, 227) contains.

RYB(126, 177, 227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(126, 177, 227)

Conversions

Conversions Part 1

Format	Color
Hex	7EE3E1
RGB	126, 227, 225
RGB Percent	49%, 89%, 88%
CMY	0.5059, 0.1098, 0.1176
CMYK	0.44, 0.00, 0.01, 0.11
HSL	179°, 64%, 69%
HSV	179°, 44%, 89%
XYZ	49.6666, 64.8111, 81.1403
YIQ	196.5730, -59.5540, -22.0340

Conversions

Conversions Part 2

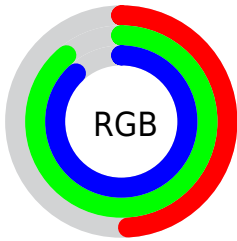
Format	Color
RYB	126, 177, 227
Decimal	8315873
CIELab	84.39, -29.97, -8.24
CIELCh	84, 31.085, 195.380
Yxy	64.8111, 0.2539, 0.3313
Android (android.graphics.Color)	4286505953 (0xFF7EE3E1)
YUV	196.5730, 14.0145, -61.8925
Hunter-Lab	80.5053, -30.7615, -3.4039

Details

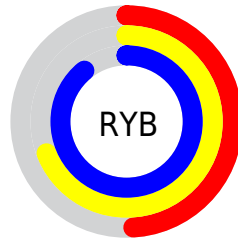
The RYB color **126, 177, 227** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **227, 126, 128**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **184, 220, 255**, and **66, 119, 171** is the 20% darker color. If you saturate the color by 10%, you get **103, 166, 227**, and if you desaturate by 10%, it is **149, 189, 227**.

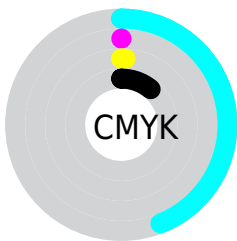
Distribution



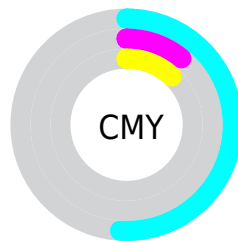
- Red (49%)
- Green (89%)
- Blue (88%)



- Red (49%)
- Yellow (69%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)




- Cyan (51%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 177, 227 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 126, 177, 227 by changing the saturation by 10% instead.

 126, 177, 227


255, 255, 255


 184, 220, 255

 214, 235, 255

 243, 249, 255

 126, 177, 227


 97, 149, 199

 66, 119, 171


 29, 87, 144

 0, 59, 118

 0, 47, 93

 0, 35, 70

 0, 23, 47

 0, 13, 27

 0, 0, 0

■ 126, 177, 227

■ 126, 177, 227

■ 103, 166, 227

■ 149, 189, 227

■ 81, 155, 227

■ 171, 199, 227

■ 58, 143, 227

■ 194, 211, 227

■ 35, 132, 227

■ 217, 222, 227

■ 13, 121, 227

■ 240, 227, 227

■ 0, 115, 227

■ 255, 227, 228

■ 255, 227, 229

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150, 198, 226



126, 177, 227



126, 181, 251

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



126, 177, 227



234, 198, 252



229, 245, 154

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



126, 177, 227



227, 126, 128

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 170



126, 177, 227



255, 191, 226

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



126, 177, 227



195, 206, 255



255, 189, 196



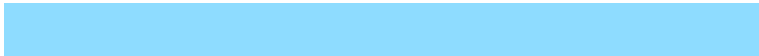
157, 216, 154

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



126, 177, 227



142, 188, 255



255, 189, 196



253, 233, 158

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



126, 177, 227



222, 239, 255



126, 227, 224



107, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



126, 177, 227



120, 188, 255



126, 161, 227



103, 109, 115



0, 91, 179



0, 26, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227, 126, 128



255, 120, 122



227, 214, 126



115, 103, 104



179, 0, 3



51, 0, 1

Previews

White Background



This preview shows how the RYB color 126, 177, 227 looks on a white background.

Color Contrast Check

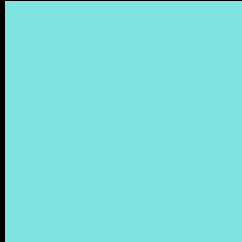
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 126, 177, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 126, 177, 227 Background



This preview shows how black text looks on a background with the RYB color 126, 177, 227.

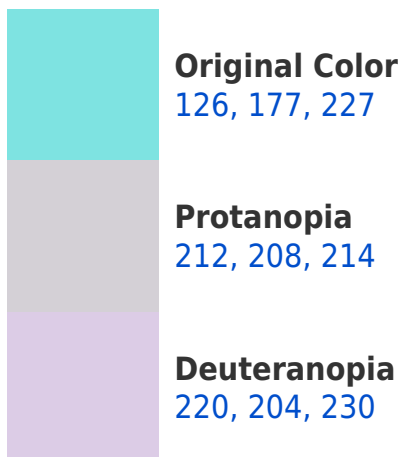



This preview shows how white text looks on a background with the RYB color 126, 177, 227.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
131, 182, 242

Trichromacy



Original Color

126, 177, 227



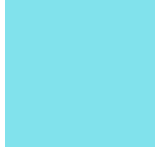
Protanomaly

181, 199, 218



Deuteranomaly

186, 202, 228



Tritanomaly

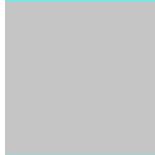
129, 180, 236

Monochromacy



Original Color

126, 177, 227



Achromatopsia

197, 197, 197



Achromatomaly

171, 190, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 177, 227 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(126, 227, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 227, 225) }
```

Border

The CSS property to change the border of an element to RYB 126, 177, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 227, 225) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(126, 227, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(126, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(126, 227,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 126, 177, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 227, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126,  
227, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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