Converting Colors

RYB(110, 171, 225)

Have a look what the booklet for RYB(110, 171, 225) contains.

Color

RYB(110, 171, 225)

Conversions

Conversions Part 1

Format	Color
Hex	6EE1D4
RGB	110, 225, 212
RGB Percent	43%, 88%, 83%
CMY	0.5686, 0.1176, 0.1694
CMYK	0.51, 0.00, 0.06, 0.12
HSL	173°, 66%, 66%
HSV	173°, 51%, 88%
XYZ	45.2145, 61.9090, 71.7239
YIQ	189.1330, -64.3670, -28.4230

Conversions

Conversions Part 2

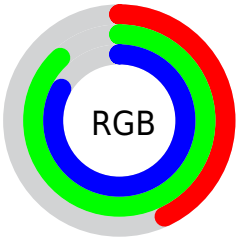
Format	Color
RYB	110, 171, 225
Decimal	7266772
CIELab	82.86, -35.83, -3.56
CIELCh	83, 36.003, 185.679
Yxy	61.9090, 0.2528, 0.3462
Android (android.graphics.Color)	4285456852 (0xFF6EE1D4)
YUV	189.1330, 11.2734, -69.3996
Hunter-Lab	78.6823, -35.1195, 1.0310

Details

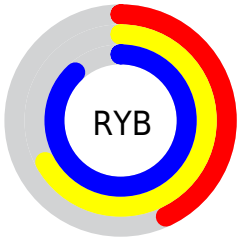
The RYB color 110, 171, 225 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 225, 110, 123, and the grayscale version is 189, 189, 189.

A 20% lighter version of the original color is 169, 212, 255, and 44, 109, 169 is the 20% darker color. If you saturate the color by 10%, you get 88, 161, 225, and if you desaturate by 10%, it is 133, 182, 225.

Distribution

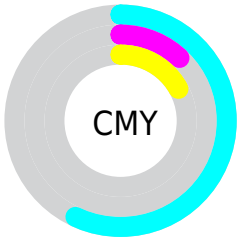


- Red (43%)
- Green (88%)
- Blue (83%)



- Red (43%)
- Yellow (67%)
- Blue (88%)

- Cyan (51%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (57%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 171, 225 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 110, 171, 225 by changing the saturation by 10% instead.

110, 171, 225	110, 171, 225
255, 255, 255	79, 141, 197
169, 212, 255	44, 110, 169
199, 227, 255	0, 74, 142
229, 242, 255	0, 61, 116
	0, 48, 91
	0, 36, 67
	0, 24, 44
	0, 9, 18
	0, 0, 0

110, 171, 225

88, 161, 225

65, 150, 225

43, 140, 225

20, 129, 225

0, 119, 225

110, 171, 225

133, 182, 225

155, 192, 225

178, 203, 225

200, 213, 225

223, 224, 225

245, 225, 227

255, 225, 230

255, 225, 232

255, 225, 235

Harmonies

Analogous

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

147, 201, 223

110, 171, 225

94, 164, 245

Triad

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

110, 171, 225

219, 195, 255

253, 238, 145

Complementary

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

110, 171, 225

225, 110, 123

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, 189, 168

110, 171, 225

255, 185, 235

Square

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

110, 171, 225

171, 196, 255

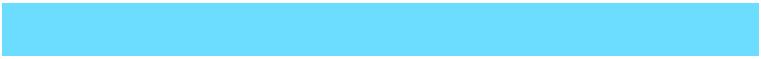
255, 181, 201

162, 224, 139

Rectangle

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

110, 171, 225



108, 172, 255

255, 181, 201

255, 215, 152

Sweetspot

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

110, 171, 225

217, 237, 255

110, 225, 212

105, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

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

110, 171, 225

99, 182, 255

110, 154, 225

101, 107, 112

0, 93, 176

0, 25, 48

Inverse Universe

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

225, 110, 123

255, 99, 117

225, 181, 110

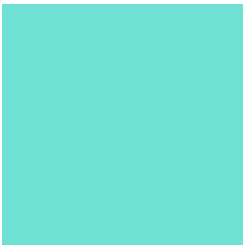
112, 101, 102

176, 0, 20

48, 0, 6

Previews

White Background

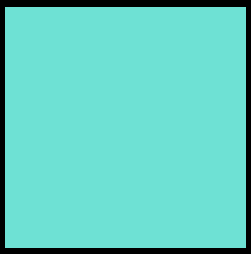


This preview shows how the RYB color 110, 171, 225 looks on a white background.

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



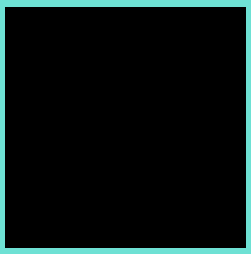
This preview shows how the RYB color 110, 171, 225 looks on a black background.

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 110, 171, 225 Background



This preview shows how black text looks on a background with the RYB color 110, 171, 225.

This preview shows how white text looks on a background with the RYB color 110, 171, 225.

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

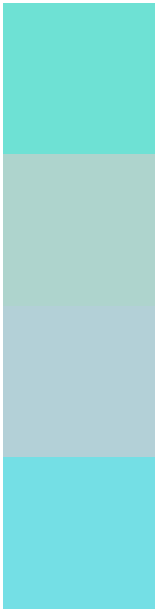
Original Color
110, 171, 225

Protanopia
210, 207, 200

Deuteranopia
219, 199, 217

Tritanopia
119, 174, 239

Trichromacy



Original Color
110, 171, 225

Protanomaly
174, 195, 212

Deuteranomaly
179, 195, 215

Tritanomaly
116, 171, 229

Monochromacy

Original Color
110, 171, 225

Achromatopsia
189, 189, 189

Achromatomaly
160, 182, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 171, 225 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(110, 225, 212) looks like.

```
.text, #text, p{
    color:rgb(110, 225, 212)
}
```

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(110, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 225, 212) }
```

Border

The CSS property to change the border of an element to RYB 110, 171, 225 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(110, 225, 212) }
```

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

```
.border{ border-color:rgb(110, 225, 212) }
```

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

Here you see how a box with a 4 pixel rgb(110, 225, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 225, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 225, 212); box-shadow:4px 4px 4px 4px rgb(110, 225, 212) }
```

Background

The CSS property to change the background color of an element to RYB 110, 171, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(110, 225, 212) }
```

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

```
.background{ background-color:rgb(110,
225, 212) }
```

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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