Converting Colors

RGB(130, 221, 229)

Have a look what the booklet for RGB(130, 221, 229) contains.

Color

RGB(130, 221, 229)

Conversions

Conversions Part 1

Format	Color
Hex	82DDE5
RGB	130, 221, 229
RGB Percent	51%, 87%, 90%
CMY	0.4902, 0.1333, 0.1020
CMYK	0.43, 0.03, 0.00, 0.10
HSL	185°, 66%, 70%
HSV	185°, 43%, 90%
XYZ	49.2052, 62.1159, 83.5249
YIQ	194.7030, -56.8040, -16.8040

Conversions

Conversions Part 2

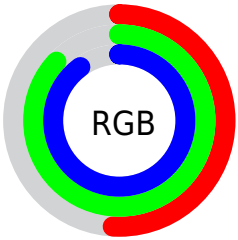
Format	Color
RYB	130, 177, 229
Decimal	8576485
CIELab	82.98, -25.14, -12.44
CIELCh	83, 28.047, 206.322
Yxy	62.1159, 0.2525, 0.3188
Android (android.graphics.Color)	4286766565 (0xFF82DDE5)
YUV	194.7030, 16.9084, -56.7445
Hunter-Lab	78.8136, -26.4820, -7.6647

Details

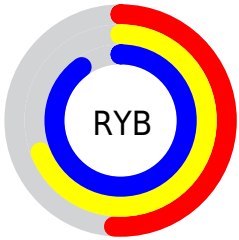
The RGB color 130, 221, 229 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 229, 138, 130, and the grayscale version is 195, 195, 195.

A 20% lighter version of the original color is 188, 255, 255, and 72, 166, 174 is the 20% darker color. If you saturate the color by 10%, you get 107, 219, 229, and if you desaturate by 10%, it is 153, 223, 229.

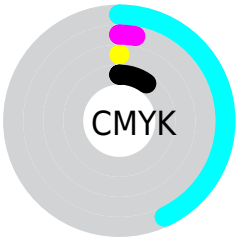
Distribution



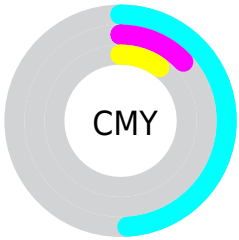
- Red (51%)
- Green (87%)
- Blue (90%)



- Red (51%)
- Yellow (69%)
- Blue (90%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 221, 229 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 RGB color 130, 221, 229 by changing the saturation by 10% instead.

130, 221, 229

255, 255, 255

188, 255, 255

217, 255, 255

247, 255, 255

130, 221, 229

101, 193, 201

72, 166, 174

38, 139, 147

0, 113, 121

0, 89, 96

0, 65, 73

0, 42, 50

0, 19, 29

0, 0, 1

130, 221, 229

107, 219, 229

84, 217, 229

61, 215, 229

38, 214, 229

15, 212, 229

0, 210, 229

130, 221, 229

153, 223, 229

176, 225, 229

199, 227, 229

222, 228, 229

245, 230, 229

255, 232, 229

255, 234, 229

255, 236, 229

255, 238, 229

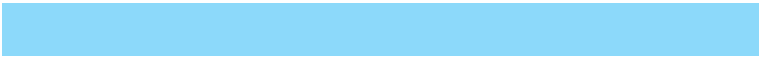
Harmonies

Analogous

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

144, 221, 202

130, 221, 229



140, 217, 250

Triad

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

130, 221, 229

238, 193, 236

229, 204, 154

Complementary

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

130, 221, 229

229, 138, 130

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.

250, 195, 164

130, 221, 229

255, 188, 211

Square

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

130, 221, 229

207, 201, 254

255, 189, 184

201, 212, 159

Rectangle

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

130, 221, 229

159, 213, 255

255, 189, 184

237, 201, 156

Sweetspot

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

130, 221, 229

222, 252, 255

130, 229, 137

107, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

130, 221, 229

122, 244, 255

130, 173, 229

103, 114, 115

0, 164, 179

0, 47, 51

Inverse Universe

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

229, 130, 221

255, 122, 244

229, 186, 130

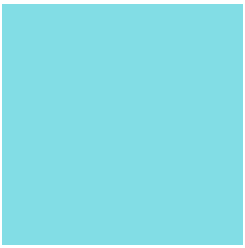
115, 103, 114

179, 0, 164

51, 0, 47

Previews

White Background

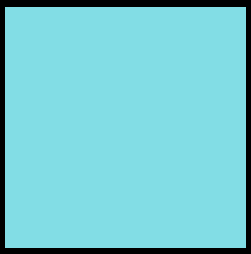


This preview shows how the RGB color 130, 221, 229 looks on a white background.

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



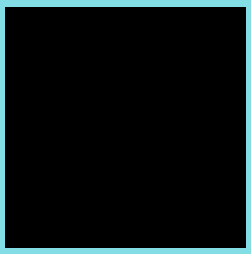
This preview shows how the RGB color 130, 221, 229 looks on a black background.

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.

RGB 130, 221, 229 Background



This preview shows how black text looks on a background with the RGB color 130, 221, 229.

This preview shows how white text looks on a background with the RGB color 130, 221, 229.

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

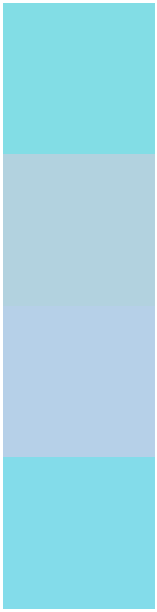
Original Color
130, 221, 229

Protanopia
205, 204, 219

Deuteranopia
212, 200, 233

Tritanopia
132, 220, 237

Trichromacy



Original Color
130, 221, 229

Protanomaly
178, 210, 223

Deuteranomaly
182, 208, 232

Tritanomaly
131, 220, 234

Monochromacy

Original Color
130, 221, 229

Achromatopsia
195, 195, 195

Achromatomaly
171, 204, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 221, 229 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(130, 221, 229) looks like.

```
.text, #text, p{
    color:rgb(130, 221, 229)
}
```

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(130, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 221, 229) }
```

Border

The CSS property to change the border of an element to RGB 130, 221, 229 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(130, 221, 229) }
```

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

```
.border{ border-color:rgb(130, 221, 229) }
```

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

Here you see how a box with a 4 pixel rgb(130, 221, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 221, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 221, 229); box-shadow:4px 4px 4px 4px rgb(130, 221, 229) }
```

Background

The CSS property to change the background color of an element to RGB 130, 221, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(130, 221, 229) }
```

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

```
.background{ background-color:rgb(130,
221, 229) }
```

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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