

Converting Colors

RGB(28, 178, 215)

Have a look what the booklet for
RGB(28, 178, 215) contains.

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Color

RGB(28, 178, 215)

Conversions

Conversions Part 1

Format	Color
Hex	1CB2D7
RGB	28, 178, 215
RGB Percent	11%, 70%, 84%
CMY	0.8902, 0.3020, 0.1569
CMYK	0.87, 0.17, 0.00, 0.16
HSL	192°, 77%, 48%
HSV	192°, 87%, 84%
XYZ	28.6650, 36.9940, 69.9197
YIQ	137.3680, -101.2770, -20.2930

Conversions

Conversions Part 2

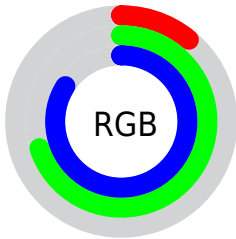
Format	Color
R _Y B	28, 111, 215
Decimal	1880791
CIE Lab	67.27, -23.63, -28.97
CIE LCh	67, 37.387, 230.805
Yxy	36.9940, 0.2114, 0.2729
Android (android.graphics.Color)	4280070871 (0xFF1CB2D7)
YUV	137.3680, 38.2726, -95.9157
Hunter-Lab	60.8227, -22.3146, -25.5820

Details

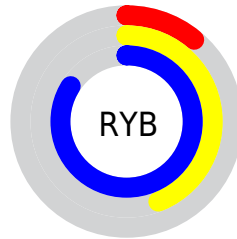
The RGB color **28, 178, 215** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **215, 65, 28**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **111, 234, 255**, and **0, 125, 160** is the 20% darker color. If you saturate the color by 10%, you get **6, 174, 215**, and if you desaturate by 10%, it is **49, 182, 215**.

Distribution



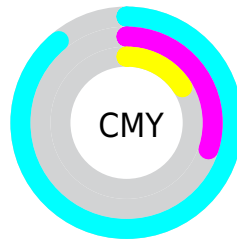
- Red (11%)
- Green (70%)
- Blue (84%)



- Red (11%)
- Yellow (44%)
- Blue (84%)



- Cyan (87%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)




















- Cyan (89%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 28, 178, 215 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 28, 178, 215 by changing the saturation by 10% instead.

 28, 178, 215	 28, 178, 215
 255, 255, 255	 0, 151, 187
 111, 234, 255	 0, 125, 160
 143, 255, 255	 0, 100, 134
 174, 255, 255	 0, 76, 108
 205, 255, 255	 0, 53, 84
 236, 255, 255	 0, 33, 61
	 0, 3, 39
	 0, 1, 16
	 0, 0, 0

■ 28, 178, 215

■ 28, 178, 215

■ 6, 174, 215

■ 49, 182, 215

■ 0, 172, 215

■ 71, 187, 215

■ 93, 191, 215

■ 114, 195, 215

■ 136, 199, 215

■ 157, 204, 215

■ 179, 208, 215

■ 200, 212, 215

■ 222, 216, 215

Harmonies

Analogous

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



21, 182, 187



28, 178, 215



96, 170, 230

Triad

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



28, 178, 215



222, 138, 176



162, 169, 100

Complementary

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



28, 178, 215



215, 65, 28

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.



195, 158, 97



28, 178, 215



229, 139, 142

Square

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



28, 178, 215



196, 147, 207



219, 147, 113



123, 177, 120

Rectangle

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



28, 178, 215



135, 163, 230



219, 147, 113



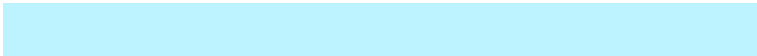
174, 166, 97

Sweetspot

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



28, 178, 215



189, 242, 255



28, 215, 62



88, 120, 128



0, 0, 0



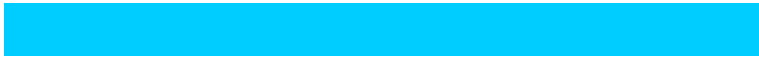
128, 128, 128

Same Dimension

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



28, 178, 215



0, 205, 255



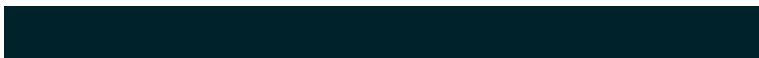
28, 87, 215



96, 105, 107



0, 137, 171



0, 35, 43

Inverse Universe

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



215, 28, 178



255, 0, 205



215, 156, 28



107, 96, 105



171, 0, 137



43, 0, 35

Previews

White Background



This preview shows how the RGB color 28, 178, 215 looks on a white background.

Color Contrast Check

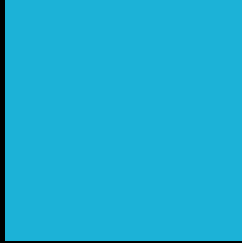
Large Text (above 18pt) WCAG AA × Fail

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 28, 178, 215 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 28, 178, 215 Background



This preview shows how black text looks on a background with the RGB color 28, 178, 215.

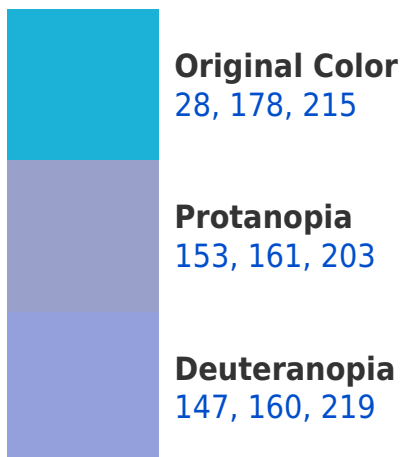


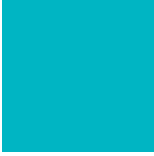
This preview shows how white text looks on a background with the RGB color 28, 178, 215.

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
0, 181, 195

Trichromacy



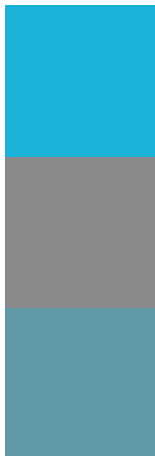
Original Color
28, 178, 215

Protanomaly
108, 167, 207

Deuteranomaly
104, 167, 218

Tritanomaly
10, 180, 202

Monochromacy



Original Color
28, 178, 215

Achromatopsia
137, 137, 137

Achromatomaly
97, 152, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 28, 178, 215 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(28, 178, 215)` looks like.

```
.text, #text, p{  
    color:rgb(28, 178, 215)  
}
```

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(28, 178, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 178, 215) }
```

Border

The CSS property to change the border of an element to RGB 28, 178, 215 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(28, 178, 215) }
```

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

```
.border{ border-color:rgb(28, 178, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 178, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 178, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 178, 215);  
box-shadow:4px 4px 4px 4px rgb(28, 178,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 28, 178, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 178, 215) }
```

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

```
.background{ background-color: rgb(28, 178,  
215) }
```

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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