

Converting Colors

RGB(28, 219, 238)

Have a look what the booklet for
RGB(28, 219, 238) contains.

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Color

RGB(28, 219, 238)

Conversions

Conversions Part 1

Format	Color
Hex	1CDBEE
RGB	28, 219, 238
RGB Percent	11%, 86%, 93%
CMY	0.8902, 0.1412, 0.0667
CMYK	0.88, 0.08, 0.00, 0.07
HSL	185°, 86%, 52%
HSV	185°, 88%, 93%
XYZ	41.2430, 57.0830, 89.7333
YIQ	164.0570, -119.9350, -34.5830

Conversions

Conversions Part 2

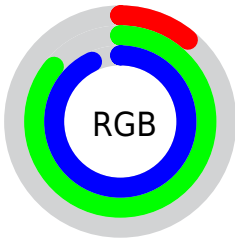
Format	Color
RYB	28, 128, 238
Decimal	1891310
CIELab	80.23, -36.23, -21.60
CIELCh	80, 42.184, 210.806
Yxy	57.0830, 0.2193, 0.3035
Android (android.graphics.Color)	4280081390 (0xFF1CDBEE)
YUV	164.0570, 36.4539, -119.3220
Hunter-Lab	75.5533, -34.7786, -17.5304

Details

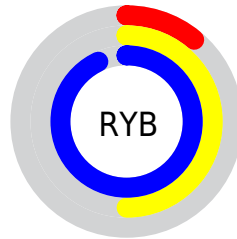
The RGB color **28, 219, 238** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **238, 47, 28**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **119, 255, 255**, and **0, 163, 182** is the 20% darker color. If you saturate the color by 10%, you get **4, 217, 238**, and if you desaturate by 10%, it is **52, 221, 238**.

Distribution



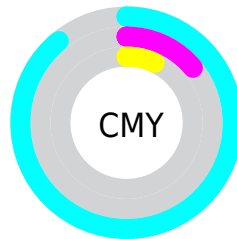
- Red (11%)
- Green (86%)
- Blue (93%)



- Red (11%)
- Yellow (50%)
- Blue (93%)



- Cyan (88%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)




















- Cyan (89%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 28, 219, 238 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, 219, 238 by changing the saturation by 10% instead.

 28, 219, 238	 28, 219, 238
 255, 255, 255	 0, 191, 210
 119, 255, 255	 0, 163, 182
 153, 255, 255	 0, 137, 155
 185, 255, 255	 0, 111, 129
 217, 255, 255	 0, 86, 104
 249, 255, 255	 0, 62, 80
	 0, 40, 57
	 0, 4, 36
	 0, 0, 12

■ 28, 219, 238

■ 28, 219, 238

■ 4, 217, 238

■ 52, 221, 238

■ 0, 216, 238

■ 76, 223, 238

■ 99, 225, 238

■ 123, 228, 238

■ 147, 230, 238

■ 171, 232, 238

■ 195, 234, 238

■ 218, 236, 238

■ 242, 238, 238

Harmonies

Analogous

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



82, 220, 199



28, 219, 238



73, 213, 255

Triad

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



28, 219, 238



250, 175, 238



224, 197, 119

Complementary

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



28, 219, 238



238, 47, 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.



255, 183, 131



28, 219, 238



255, 168, 199

Square

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



28, 219, 238



205, 188, 255



255, 172, 161



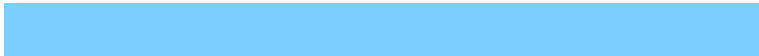
183, 209, 130

Rectangle

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



28, 219, 238



121, 207, 255



255, 172, 161



236, 192, 121

Sweetspot

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



28, 219, 238



189, 249, 255



28, 238, 45



88, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



28, 219, 238



0, 232, 255



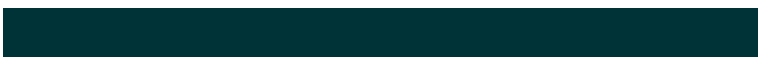
28, 116, 238



108, 119, 120



0, 167, 184



0, 51, 56

Inverse Universe

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



238, 28, 219



255, 0, 232



238, 150, 28



120, 108, 119



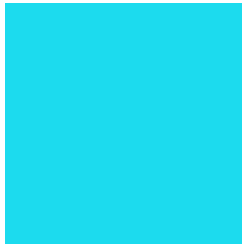
184, 0, 167



56, 0, 51

Previews

White Background



This preview shows how the RGB color 28, 219, 238 looks on a white background.

Color Contrast Check

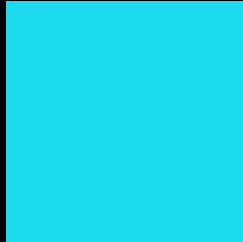
Large Text (above 18pt) WCAG AA × Fail

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, 219, 238 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, 219, 238 Background



This preview shows how black text looks on a background with the RGB color 28, 219, 238.



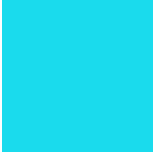
This preview shows how white text looks on a background with the RGB color 28, 219, 238.

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



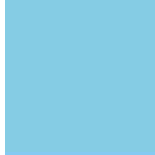


Tritanopia
26, 219, 237

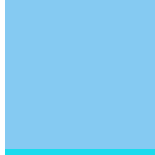
Trichromacy



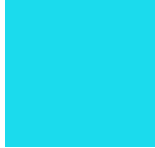
Original Color
28, 219, 238



Protanomaly
133, 204, 228



Deuteranomaly
133, 202, 242

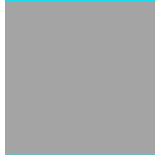


Tritanomaly
27, 219, 237

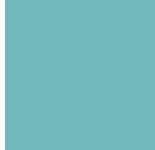
Monochromacy



Original Color
28, 219, 238



Achromatopsia
164, 164, 164



Achromatomaly
115, 184, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 28, 219, 238 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, 219, 238)` looks like.

```
.text, #text, p{  
    color:rgb(28, 219, 238)  
}
```

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, 219, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 219, 238) }
```

Border

The CSS property to change the border of an element to RGB 28, 219, 238 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, 219, 238) }
```

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

```
.border{ border-color:rgb(28, 219, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 219, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 219, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 219, 238);  
box-shadow:4px 4px 4px 4px rgb(28, 219,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 28, 219, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 219, 238) }
```

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

```
.background{ background-color: rgb(28, 219,  
238) }
```

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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