

Converting Colors

RGB(14, 186, 235)

Have a look what the booklet for
RGB(14, 186, 235) contains.

RGB(14, 186, 235)	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

RGB(14, 186, 235)

Conversions

Conversions Part 1

Format	Color
Hex	0EBAEB
RGB	14, 186, 235
RGB Percent	5%, 73%, 92%
CMY	0.9451, 0.2706, 0.0784
CMYK	0.94, 0.21, 0.00, 0.08
HSL	193°, 89%, 49%
HSV	193°, 94%, 92%
XYZ	32.7354, 41.2093, 84.8261
YIQ	140.1580, -118.2410, -21.2250

Conversions

Conversions Part 2

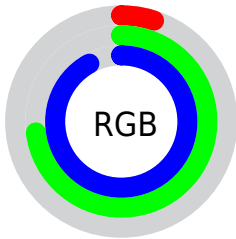
Format	Color
RYB	14, 111, 235
Decimal	965355
CIELab	70.32, -21.60, -35.20
CIELCh	70, 41.296, 238.464
Yxy	41.2093, 0.2062, 0.2596
Android (android.graphics.Color)	4279155435 (0xFF0EBAEB)
YUV	140.1580, 46.7571, -110.6406
Hunter-Lab	64.1945, -21.3159, -33.4092

Details

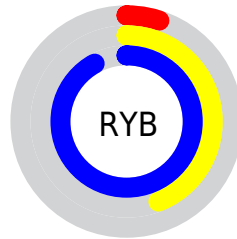
The RGB color **14, 186, 235** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **235, 63, 14**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **111, 242, 255**, and **0, 133, 179** is the 20% darker color. If you saturate the color by 10%, you get **0, 183, 235**, and if you desaturate by 10%, it is **38, 191, 235**.

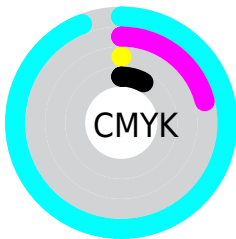
Distribution



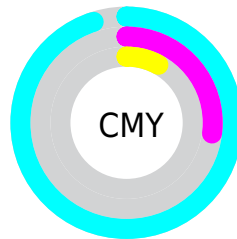
- Red (5%)
- Green (73%)
- Blue (92%)



- Red (5%)
- Yellow (44%)
- Blue (92%)



- Cyan (94%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)




















- Cyan (95%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 14, 186, 235 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 14, 186, 235 by changing the saturation by 10% instead.

 14, 186, 235	 14, 186, 235
 255, 255, 255	 0, 159, 207
 111, 242, 255	 0, 133, 179
 145, 255, 255	 0, 107, 152
 177, 255, 255	 0, 83, 126
 208, 255, 255	 0, 60, 101
 240, 255, 255	 0, 38, 76
	 0, 7, 54
	 0, 2, 32
	 0, 0, 3

■ 14, 186, 235

■ 14, 186, 235

■ 0, 183, 235

■ 38, 191, 235

■ 61, 196, 235

■ 85, 202, 235

■ 108, 207, 235

■ 132, 212, 235

■ 155, 217, 235

■ 179, 222, 235

■ 202, 228, 235

■ 226, 233, 235

Harmonies

Analogous

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



0, 191, 206



14, 186, 235



111, 176, 247

Triad

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



14, 186, 235



241, 142, 175



159, 180, 104

Complementary

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



14, 186, 235



235, 63, 14

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.



198, 169, 96



14, 186, 235



243, 145, 138

Square

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



14, 186, 235



217, 150, 212



227, 156, 109



114, 188, 131

Rectangle

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



14, 186, 235



154, 168, 243



227, 156, 109



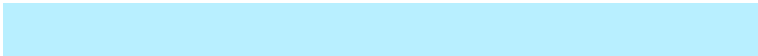
173, 177, 99

Sweetspot

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



14, 186, 235



184, 239, 255



14, 235, 62



84, 118, 128



0, 0, 0



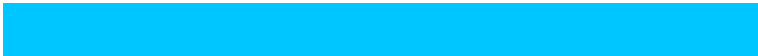
128, 128, 128

Same Dimension

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



14, 186, 235



0, 198, 255



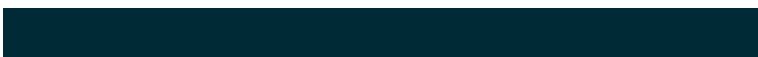
14, 77, 235



106, 115, 117



0, 141, 181



0, 42, 54

Inverse Universe

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



235, 14, 186



255, 0, 198



235, 172, 14



117, 106, 115



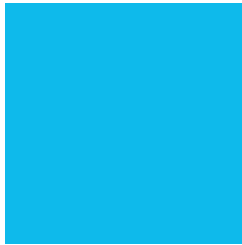
181, 0, 141



54, 0, 42

Previews

White Background



This preview shows how the RGB color 14, 186, 235 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 14, 186, 235 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 14, 186, 235 Background



This preview shows how black text looks on a background with the RGB color 14, 186, 235.

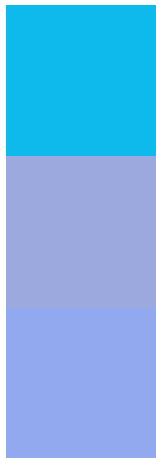


This preview shows how white text looks on a background with the RGB color 14, 186, 235.

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

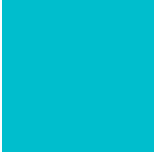
14, 186, 235

Protanopia

156, 169, 222

Deuteranopia

147, 169, 239



Tritanopia
0, 190, 205

Trichromacy



Original Color

14, 186, 235



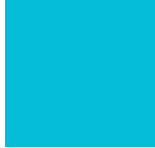
Protanomaly

104, 175, 227



Deuteranomaly

99, 175, 238



Tritanomaly

5, 189, 216

Monochromacy



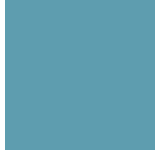
Original Color

14, 186, 235



Achromatopsia

140, 140, 140



Achromatomaly

94, 157, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 14, 186, 235 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(14, 186, 235)` looks like.

```
.text, #text, p{  
    color:rgb(14, 186, 235)  
}
```

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(14, 186, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 186, 235) }
```

Border

The CSS property to change the border of an element to RGB 14, 186, 235 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(14, 186, 235) }
```

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

```
.border{ border-color:rgb(14, 186, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 186, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 186, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 186, 235);  
box-shadow:4px 4px 4px 4px rgb(14, 186,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 14, 186, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 186, 235) }
```

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

```
.background{ background-color: rgb(14, 186,  
235) }
```

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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