

Converting Colors

`RYB(17, 101, 184)`

Have a look what the booklet for
RYB(17, 101, 184) contains.

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Color

$\text{RYB}(17, 101, 184)$

Conversions

Conversions Part 1

Format	Color
Hex	11B8B6
RGB	17, 184, 182
RGB Percent	7%, 72%, 71%
CMY	0.9333, 0.2784, 0.2862
CMYK	0.91, 0.00, 0.01, 0.28
HSL	179°, 83%, 39%
HSV	179°, 91%, 72%
XYZ	25.8164, 37.7780, 50.1936
YIQ	133.8390, -98.8900, -36.0260

Conversions

Conversions Part 2

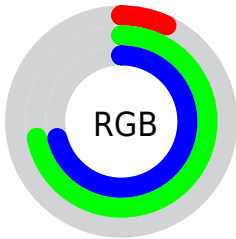
Format	Color
RYB	17, 101, 184
Decimal	1161398
CIELab	67.86, -37.64, -9.92
CIELCh	68, 38.927, 194.762
Yxy	37.7780, 0.2269, 0.3320
Android (android.graphics.Color)	4279351478 (0xFF11B8B6)
YUV	133.8390, 23.7434, -102.4678
Hunter-Lab	61.4638, -32.5872, -5.3937

Details

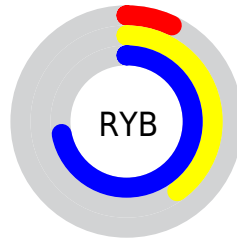
The RYB color **17, 101, 184** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **184, 17, 19**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **104, 173, 241**, and **0, 65, 130** is the 20% darker color. If you saturate the color by 10%, you get **0, 93, 184**, and if you desaturate by 10%, it is **35, 110, 184**.

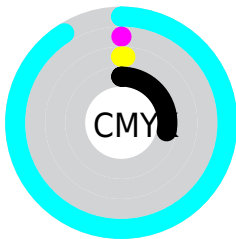
Distribution



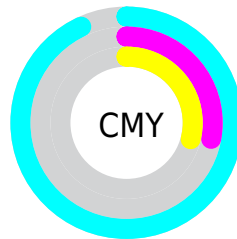
- Red (7%)
- Green (72%)
- Blue (71%)



- Red (7%)
- Yellow (40%)
- Blue (72%)



- Cyan (91%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



















- Cyan (93%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 17, 101, 184 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 17, 101, 184 by changing the saturation by 10% instead.

 17, 101, 184	 17, 101, 184
 255, 255, 255	 0, 79, 157
 104, 173, 241	 0, 65, 130
 135, 195, 255	 0, 52, 104
 166, 211, 255	 0, 40, 80
 197, 226, 255	 0, 28, 57
 227, 241, 255	 0, 18, 36
	 0, 1, 15
	 0, 0, 0

 17, 101, 184	 17, 101, 184
--	--

■ 0, 93, 184

■ 35, 110, 184

■ 54, 120, 184

■ 72, 128, 184

■ 91, 138, 184

■ 109, 147, 184

■ 127, 156, 184

■ 146, 165, 184

■ 164, 174, 184

■ 183, 184, 184

Harmonies

Analogous

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



86, 146, 183



17, 101, 184



0, 98, 214

Triad

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



17, 101, 184



191, 150, 215



182, 204, 98

Complementary

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



17, 101, 184



184, 17, 19

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.



226, 155, 117



17, 101, 184



222, 140, 185

Square

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



17, 101, 184



142, 159, 233



234, 138, 149



98, 171, 96

Rectangle

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



17, 101, 184



53, 126, 228



234, 138, 149



212, 197, 102

Sweetspot

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



17, 101, 184



175, 208, 240



17, 184, 181



81, 101, 120



247, 247, 247



120, 120, 120

Same Dimension

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



17, 101, 184



0, 121, 240



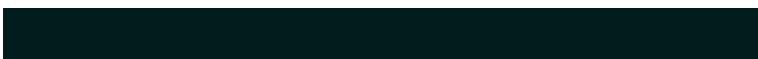
17, 74, 184



83, 88, 92



0, 79, 156



0, 14, 28

Inverse Universe

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



184, 17, 19



240, 0, 3



184, 174, 17



92, 83, 83



156, 0, 2



28, 0, 0

Previews

White Background



This preview shows how the RYB color 17, 101, 184 looks on a white background.

Color Contrast Check

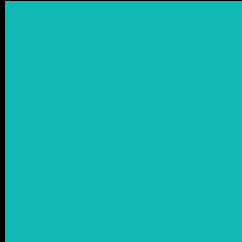
Large Text (above 18pt) WCAG AA × Fail

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 17, 101, 184 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

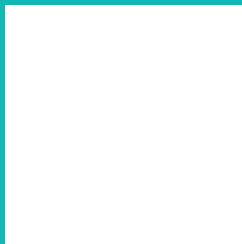
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 17, 101, 184 Background



This preview shows how black text looks on a background with the RYB color 17, 101, 184.

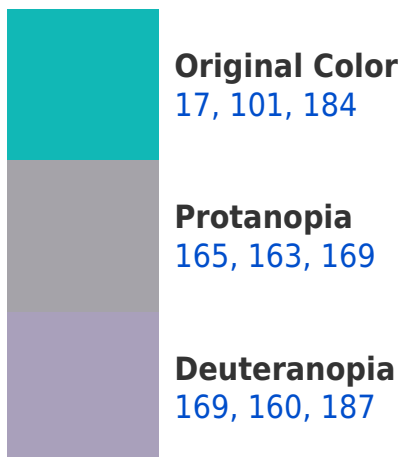


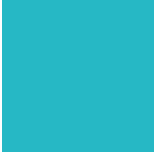
This preview shows how white text looks on a background with the RYB color 17, 101, 184.

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
38, 114, 197

Trichromacy



Original Color

17, 101, 184



Protanomaly

111, 142, 174



Deuteranomaly

114, 145, 185



Tritanomaly

30, 109, 192

Monochromacy



Original Color

17, 101, 184



Achromatopsia

134, 134, 134



Achromatomaly

91, 122, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 17, 101, 184 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(17, 184, 182)` looks like.

```
.text, #text, p{  
    color:rgb(17, 184, 182)  
}
```

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(17, 184, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 184, 182) }
```

Border

The CSS property to change the border of an element to RYB 17, 101, 184 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(17, 184, 182) }
```

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

```
.border{ border-color:rgb(17, 184, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 184, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 184, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 184, 182);  
box-shadow:4px 4px 4px 4px rgb(17, 184,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 17, 184, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 184, 182) }
```

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

```
.background{ background-color: rgb(17, 184,  
182) }
```

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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