

Converting Colors

CIELCh(64, 26.920, 203.136)

Have a look what the booklet for
CIELCh(64, 26.920, 203.136)
contains.

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Color

CIELCh(64, 26.803, 203.258)

Conversions

Conversions Part 1

Format	Color
Hex	51A8AD
RGB	81, 168, 173
RGB Percent	32%, 66%, 68%
CMY	0.6821, 0.3409, 0.3213
CMYK	0.53, 0.03, 0.00, 0.32
HSL	183°, 36%, 50%
HSV	183°, 53%, 68%
XYZ	24.9634, 32.8017, 44.5840
YIQ	142.5570, -53.4570, -16.8890

Conversions

Conversions Part 2

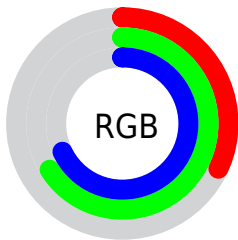
Format	Color
R_YB	81, 126, 173
Decimal	5351597
CIE _{Lab}	64.00, -24.62, -10.58
CIE _{LCh}	64, 26.803, 203.258
Yxy	32.8017, 0.2439, 0.3205
Android (android.graphics.Color)	4283541677 (0xFF51A8AD)
YUV	142.5570, 15.0084, -53.9855
Hunter-Lab	57.2727, -22.4248, -6.0634

Details

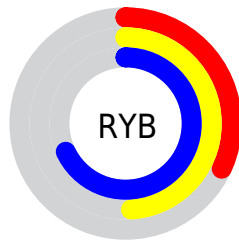
The CIELCh color **64, 26.803, 203.258** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 40.041, 29.036**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 26.617, 203.381**, and **44, 26.861, 203.060** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.918, 203.419**, and if you desaturate by 10%, it is **65, 22.955, 203.229**.

Distribution



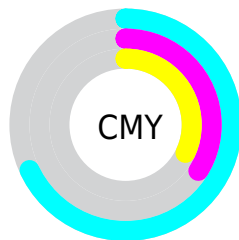
- Red (32%)
- Green (66%)
- Blue (68%)



- Red (32%)
- Yellow (49%)
- Blue (68%)



- Cyan (53%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)




- Cyan (68%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.803, 203.258 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 CIELCh color 64, 26.803, 203.258 by changing the saturation by 10% instead.

 64, 26.803,
203.258

 64, 26.803,
203.258

 100, 26.803,
203.258


 54, 26.803,
203.258


 84, 26.803,
203.258

 44, 26.803,
203.258

 94, 26.803,
203.258

 34, 26.803,
203.258

 24, 26.803,
203.258

 14, 26.803,
203.258

 4, 26.803, 203.258

 0, 26.803, 203.258

64, 26.803,
203.258

64, 26.803,
203.258

63, 29.918,
203.419

65, 22.955,
203.229

62, 32.254,
203.734

66, 18.449,
203.320

62, 33.805,
204.220

67, 13.378,
203.514

61, 34.616,
204.886

69, 7.839, 203.805

61, 34.899,
205.415

70, 1.927, 204.330

72, 4.270, 24.337

74, 10.675, 24.828

75, 17.224, 25.296

77, 23.862, 25.775

Harmonies

Complementary

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



64, 26.803, 203.258



47, 40.041, 29.036

Rectangle

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



64, 26.803, 203.258



64, 26.803, 253.258



64, 26.803, 23.258



64, 26.803, 73.258

Sweetspot

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



64, 26.803, 203.256



86, 11.672, 203.703



64, 58.469, 141.354



45, 7.823, 203.644



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 26.803, 203.256



80, 36.955, 203.468



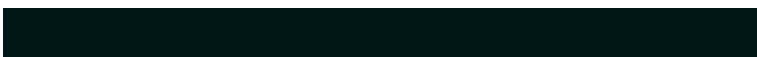
50, 31.294, 270.885



36, 3.414, 203.950



54, 31.503, 205.306



6, 7.229, 206.548

Inverse Universe

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



49, 57.849, 328.799



59, 82.691, 329.343



58, 34.676, 73.695



34, 6.351, 326.423



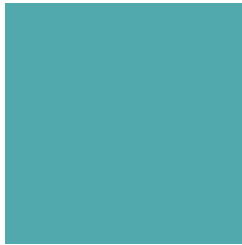
35, 74.760, 330.480



2, 13.125, 326.643

Previews

White Background



This preview shows how the CIELCh color 64, 26.803, 203.258 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 CIELCh color 64, 26.803, 203.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

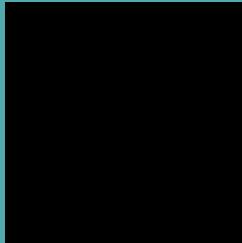
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.803, 203.258

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.803, 203.258.



This preview shows how white text looks on a background with the CIELCh color 64, 26.803, 203.258.

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
64, 25.899, 213.859

Trichromacy



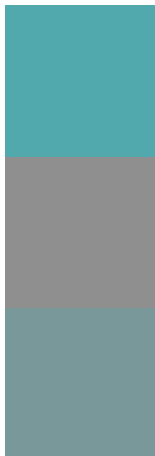
Original Color
64, 26.803, 203.258

Protanomaly
63, 11.909, 223.692

Deuteranomaly
63, 13.896, 248.981

Tritanomaly
64, 26.027, 209.867

Monochromacy



Original Color
64, 26.803, 203.258

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 11.598, 204.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.803, 203.258 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(81, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(81, 168, 173)  
}
```

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(81, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 168, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.803, 203.258 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(81, 168, 173) }
```

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

```
.border{ border-color:rgb(81, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(81, 168,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.803, 203.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 168, 173) }
```

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

```
.background{ background-color: rgb(81, 168,  
173) }
```

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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