

Converting Colors

CIELCh(64, 26.029, 192.683)

Have a look what the booklet for
CIELCh(64, 26.029, 192.683)
contains.

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Color

CIELCh(64, 26.084, 192.254)

Conversions

Conversions Part 1

Format	Color
Hex	58A8A4
RGB	88, 168, 164
RGB Percent	35%, 66%, 64%
CMY	0.6545, 0.3408, 0.3565
CMYK	0.48, 0.00, 0.02, 0.34
HSL	177°, 32%, 50%
HSV	177°, 48%, 66%
XYZ	24.7617, 32.8017, 40.1910
YIQ	143.6240, -46.3960, -18.2040

Conversions

Conversions Part 2

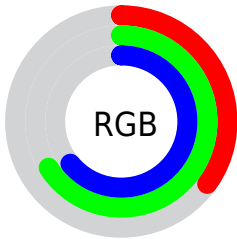
Format	Color
RYB	88, 129, 168
Decimal	5810340
CIELab	64.00, -25.49, -5.54
CIELCh	64, 26.084, 192.254
Yxy	32.8017, 0.2533, 0.3356
Android (android.graphics.Color)	4284000420 (0xFF58A8A4)
YUV	143.6240, 10.0454, -48.7822
Hunter-Lab	57.2727, -23.0535, -1.5156

Details

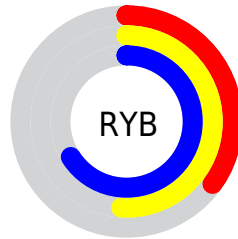
The CIELCh color **64, 26.084, 192.254** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 35.421, 20.857**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.965, 192.929**, and **44, 26.309, 191.244** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.963, 191.653**, and if you desaturate by 10%, it is **65, 21.531, 192.863**.

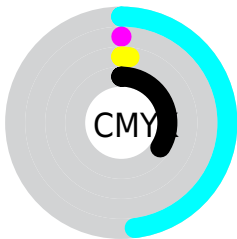
Distribution



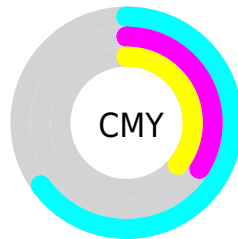
- Red (35%)
- Green (66%)
- Blue (64%)



- Red (35%)
- Yellow (51%)
- Blue (66%)



- Cyan (48%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)




- Cyan (65%)
- Magenta (34%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 26.084, 192.254 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, 26.084, 192.254 by changing the saturation by 10% instead.

 64, 26.084,
192.254


 64, 26.084,
192.254


 100, 26.084,
192.254


 54, 26.084,
192.254


 84, 26.084,
192.254

 44, 26.084,
192.254

 94, 26.084,
192.254

 34, 26.084,
192.254

 24, 26.084,
192.254

 14, 26.084,
192.254

 4, 26.084, 192.254

 0, 26.084, 192.254

■ 64, 26.084,
192.254

■ 64, 26.084,
192.254

■ 63, 29.963,
191.653

■ 65, 21.531,
192.863

■ 63, 33.102,
191.059

■ 66, 16.392,
193.491

■ 63, 35.468,
190.461

■ 67, 10.767,
194.142

■ 62, 37.075,
189.845

■ 68, 4.758, 194.848

■ 69, 1.540, 15.097

■ 62, 38.030,
189.204

■ 71, 8.043, 16.019

■ 62, 38.229,
189.051

■ 72, 14.676, 16.721

■ 74, 21.381, 17.407

■ 76, 28.111, 18.086

Harmonies

Complementary

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



64, 26.084, 192.254



47, 35.421, 20.857

Rectangle

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



64, 26.084, 192.254



64, 26.084, 242.254



64, 26.084, 12.254



64, 26.084, 62.254

Sweetspot

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



64, 26.084, 192.252



85, 10.730, 194.367



63, 52.310, 139.297



45, 7.358, 194.226



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 26.084, 192.252



81, 36.725, 191.626



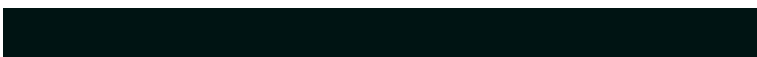
54, 23.890, 256.062



35, 3.538, 194.719



55, 34.782, 189.124



5, 6.614, 193.642

Inverse Universe

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



47, 35.421, 20.857



56, 53.847, 23.223



55, 29.069, 62.767



33, 3.727, 15.854



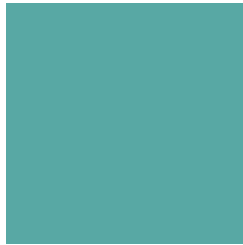
30, 67.259, 37.334



1, 6.590, 15.824

Previews

White Background



This preview shows how the CIELCh color 64, 26.084, 192.254 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, 26.084, 192.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

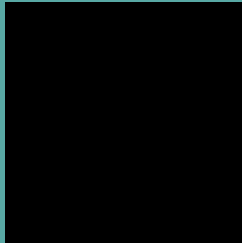
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.084, 192.254

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.084, 192.254.

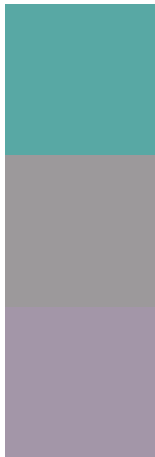


This preview shows how white text looks on a background with the CIELCh color 64, 26.084, 192.254.

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

64, 26.084, 192.254

Protanopia

64, 1.618, 335.617

Deuteranopia

64, 11.227, 316.862



Tritanopia
64, 23.677, 215.622

Trichromacy



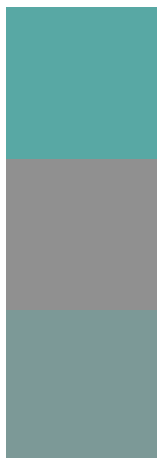
Original Color
64, 26.084, 192.254

Protanomaly
63, 9.874, 198.564

Deuteranomaly
63, 9.264, 236.123

Tritanomaly
64, 24.211, 206.826

Monochromacy



Original Color
64, 26.084, 192.254

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 10.761, 192.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.084, 192.254 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(88, 168, 164)` looks like.

```
.text, #text, p{  
    color:rgb(88, 168, 164)  
}
```

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(88, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 168, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.084, 192.254 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(88, 168, 164) }
```

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

```
.border{ border-color:rgb(88, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(88, 168,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.084, 192.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 168, 164) }
```

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

```
.background{ background-color: rgb(88, 168,  
164) }
```

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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