

Converting Colors

CIELCh(64, 26.522, 198.066)

Have a look what the booklet for
CIELCh(64, 26.522, 198.066)
contains.

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Color

CIELCh(64, 26.429, 198.432)

Conversions

Conversions Part 1

Format	Color
Hex	54A8A9
RGB	84, 168, 169
RGB Percent	33%, 66%, 66%
CMY	0.6701, 0.3408, 0.3368
CMYK	0.50, 0.01, 0.00, 0.34
HSL	181°, 34%, 50%
HSV	181°, 50%, 66%
XYZ	24.8587, 32.8017, 42.6079
YIQ	142.9980, -50.3850, -17.4970

Conversions

Conversions Part 2

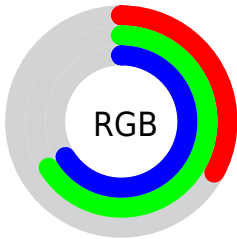
Format	Color
RYB	84, 126, 169
Decimal	5548201
CIELab	64.00, -25.07, -8.36
CIElCh	64, 26.429, 198.432
Yxy	32.8017, 0.2479, 0.3271
Android (android.graphics.Color)	4283738281 (0xFF54A8A9)
YUV	142.9980, 12.8190, -51.7412
Hunter-Lab	57.2727, -22.7511, -4.0177

Details

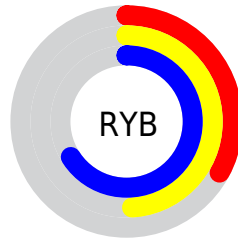
The CIELCh color **64, 26.429, 198.432** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 38.052, 25.755**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 26.299, 198.790**, and **44, 26.604, 197.848** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.883, 198.228**, and if you desaturate by 10%, it is **65, 22.260, 198.708**.

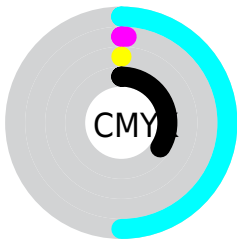
Distribution



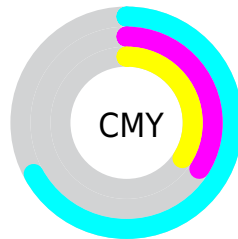
- Red (33%)
- Green (66%)
- Blue (66%)



- Red (33%)
- Yellow (49%)
- Blue (66%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)





- Cyan (67%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 26.429, 198.432 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, 26.429, 198.432 by changing the saturation by 10% instead.

 64, 26.429,
198.432

 64, 26.429,
198.432

 100, 26.429,
198.432


 54, 26.429,
198.432


 84, 26.429,
198.432

 44, 26.429,
198.432

 94, 26.429,
198.432

 34, 26.429,
198.432

 24, 26.429,
198.432

 14, 26.429,
198.432

 4, 26.429, 198.432

 0, 26.429, 198.432

64, 26.429,
198.432

64, 26.429,
198.432

63, 29.883,
198.228

65, 22.260,
198.708

63, 32.570,
198.106

66, 17.453,
199.057

63, 34.477,
198.067

67, 12.102,
199.472

62, 35.636,
198.109

68, 6.307, 199.963

62, 36.235,
198.210

69, 0.163, 203.382

71, 6.242, 20.834

72, 12.831, 21.430

74, 19.538, 22.017

76, 26.311, 22.608

Harmonies

Complementary

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



64, 26.429, 198.432



46, 38.052, 25.755

Rectangle

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



64, 26.429, 198.432



64, 26.429, 248.432



64, 26.429, 18.432



64, 26.429, 68.432

Sweetspot

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



64, 26.429, 198.430



85, 11.238, 199.705



62, 56.337, 140.409



45, 7.611, 199.609



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, 26.429, 198.430



80, 36.573, 198.215



52, 27.245, 264.772



35, 3.474, 200.018



55, 32.843, 198.189



5, 6.462, 200.830

Inverse Universe

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



49, 55.612, 327.358



59, 79.539, 327.805



56, 31.458, 69.220



33, 6.379, 325.235



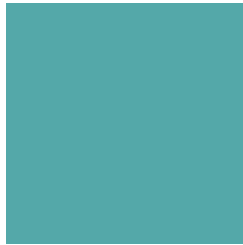
35, 76.301, 328.695



2, 11.542, 324.883

Previews

White Background



This preview shows how the CIELCh color 64, 26.429, 198.432 looks on a white background.

Color Contrast Check

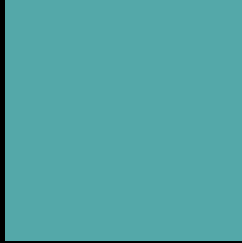
Large Text (above 18pt) WCAG AA × Fail

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, 26.429, 198.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

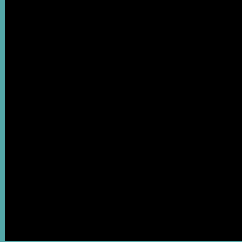
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.429, 198.432

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.429, 198.432.

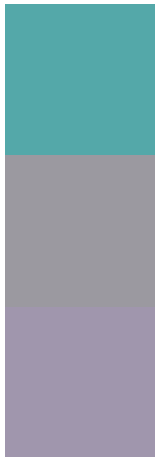


This preview shows how white text looks on a background with the CIELCh color 64, 26.429, 198.432.

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, 26.429, 198.432

Protanopia

64, 3.998, 301.506

Deuteranopia

64, 13.434, 307.396



Tritanopia
64, 24.872, 216.028

Trichromacy



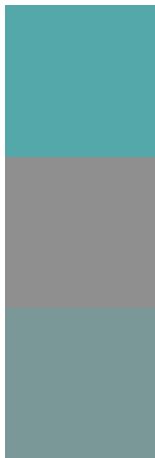
Original Color
64, 26.429, 198.432

Protanomaly
63, 10.703, 213.778

Deuteranomaly
63, 11.948, 243.629

Tritanomaly
64, 25.136, 209.051

Monochromacy



Original Color
64, 26.429, 198.432

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 10.964, 198.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.429, 198.432 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(84, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(84, 168, 169)  
}
```

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(84, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 168, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.429, 198.432 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(84, 168, 169) }
```

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

```
.border{ border-color:rgb(84, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(84, 168,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.429, 198.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 168, 169) }
```

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

```
.background{ background-color: rgb(84, 168,  
169) }
```

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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