

Converting Colors

CIELCh(64, 29.402, 177.647)

Have a look what the booklet for
CIELCh(64, 29.402, 177.647)
contains.

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Color

CIELCh(64, 29.295, 177.931)

Conversions

Conversions Part 1

Format	Color
Hex	57A998
RGB	87, 169, 152
RGB Percent	34%, 66%, 60%
CMY	0.6577, 0.3361, 0.4028
CMYK	0.48, 0.00, 0.10, 0.34
HSL	168°, 32%, 50%
HSV	168°, 48%, 66%
XYZ	23.8913, 32.8017, 34.9001
YIQ	142.5440, -43.4150, -22.6710

Conversions

Conversions Part 2

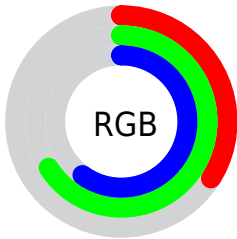
Format	Color
RYB	87, 133, 169
Decimal	5745048
CIELab	64.00, -29.28, 1.06
CIELCh	64, 29.295, 177.931
Yxy	32.8017, 0.2608, 0.3581
Android (android.graphics.Color)	4283935128 (0xFF57A998)
YUV	142.5440, 4.6618, -48.7121
Hunter-Lab	57.2727, -25.7661, 3.9615

Details

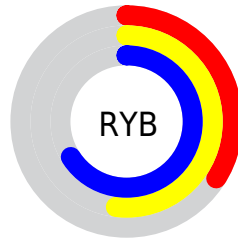
The CIELCh color **64, 29.295, 177.931** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 35.832, 9.141**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 29.525, 177.445**, and **44, 29.117, 178.082** is the 20% darker color. If you saturate the color by 10%, you get **63, 33.992, 176.717**, and if you desaturate by 10%, it is **65, 24.002, 179.045**.

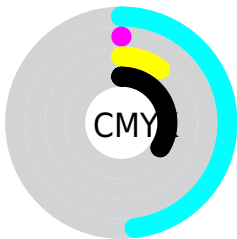
Distribution



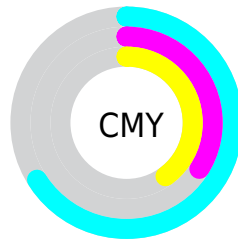
- Red (34%)
- Green (66%)
- Blue (60%)



- Red (34%)
- Yellow (52%)
- Blue (66%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)





- Cyan (66%)
- Magenta (34%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 29.295, 177.931 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, 29.295, 177.931 by changing the saturation by 10% instead.


 64, 29.295,
177.931


 64, 29.295,
177.931


 100, 29.295,
177.931


 54, 29.295,
177.931


 84, 29.295,
177.931

 44, 29.295,
177.931

 94, 29.295,
177.931

 34, 29.295,
177.931

 24, 29.295,
177.931

 14, 29.295,
177.931

 4, 29.295, 177.931

 0, 29.295, 177.931

■ 64, 29.295,
177.931

■ 64, 29.295,
177.931

■ 63, 33.992,
176.717

■ 65, 24.002,
179.045

■ 63, 38.008,
175.386

■ 66, 18.214,
180.083

■ 62, 41.296,
173.912

■ 67, 12.040,
181.064

■ 62, 43.854,
172.277

■ 68, 5.587, 182.024

■ 62, 45.808,
170.503

■ 70, 1.051, 2.390

■ 62, 46.101,
170.231

■ 71, 7.792, 3.596

■ 73, 14.569, 4.428

■ 74, 21.329, 5.216

■ 76, 28.032, 5.972

Harmonies

Complementary

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



64, 29.295, 177.931



47, 35.832, 9.141

Rectangle

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



64, 29.295, 177.931



64, 29.295, 227.931



64, 29.295, 357.931



64, 29.295, 47.931

Sweetspot

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



64, 29.295, 177.929



85, 12.154, 181.367



63, 51.146, 135.619



45, 8.254, 181.175



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, 29.295, 177.929



80, 41.540, 176.641



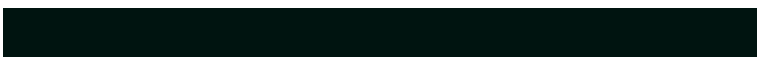
58, 22.155, 235.057



35, 3.727, 181.941



54, 41.624, 170.456



5, 7.092, 178.078

Inverse Universe

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



47, 35.832, 9.141



56, 53.172, 11.637



52, 30.546, 47.487



33, 3.861, 3.472



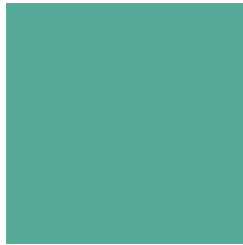
30, 61.076, 27.823



1, 6.812, 4.898

Previews

White Background



This preview shows how the CIELCh color 64, 29.295, 177.931 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, 29.295, 177.931 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, 29.295, 177.931

Background



This preview shows how black text looks on a background with the CIELCh color 64, 29.295, 177.931.

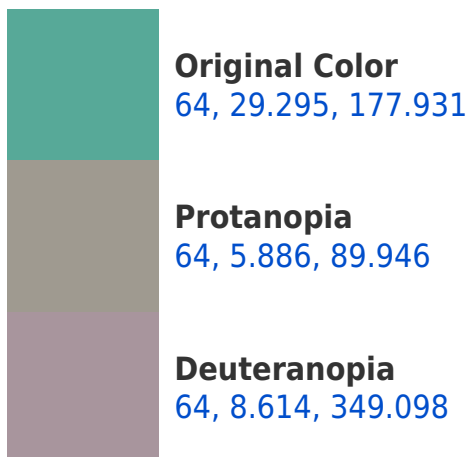


This preview shows how white text looks on a background with the CIELCh color 64, 29.295, 177.931.

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, 23.058, 217.686

Trichromacy



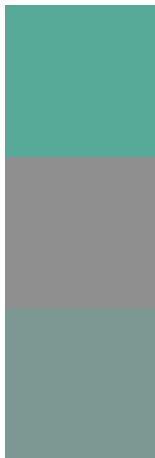
Original Color
64, 29.295, 177.931

Protanomaly
64, 12.625, 163.236

Deuteranomaly
63, 6.392, 193.859

Tritanomaly
64, 24.177, 200.065

Monochromacy



Original Color
64, 29.295, 177.931

Achromatopsia
59, 0.008, 296.813

Achromatomaly
61, 11.940, 178.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 29.295, 177.931 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(87, 169, 152)` looks like.

```
.text, #text, p{  
    color:rgb(87, 169, 152)  
}
```

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(87, 169, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 169, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 29.295, 177.931 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(87, 169, 152) }
```

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

```
.border{ border-color:rgb(87, 169, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 169, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 169, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 169, 152);  
box-shadow:4px 4px 4px 4px rgb(87, 169,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 29.295, 177.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 169, 152) }
```

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

```
.background{ background-color: rgb(87, 169,  
152) }
```

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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