

Converting Colors

CIELCh(57, 32.464, 211.857)

Have a look what the booklet for
CIELCh(57, 32.464, 211.857)
contains.

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Color

CIELCh(57, 32.445, 212.242)

Conversions

Conversions Part 1

Format	Color
Hex	0597A6
RGB	5, 151, 166
RGB Percent	2%, 59%, 65%
CMY	0.9801, 0.4078, 0.3490
CMYK	0.97, 0.09, 0.00, 0.35
HSL	186°, 94%, 34%
HSV	186°, 97%, 65%
XYZ	18.0153, 24.9227, 39.9428
YIQ	109.0560, -91.8310, -26.2870

Conversions

Conversions Part 2

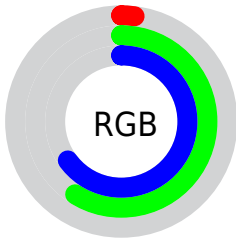
Format	Color
R _Y B	5, 82, 166
Decimal	366502
CIE Lab	57.00, -27.44, -17.31
CIE LCh	57, 32.445, 212.242
Yxy	24.9227, 0.2174, 0.3007
Android (android.graphics.Color)	4278556582 (0xFF0597A6)
YUV	109.0560, 28.0734, -91.2571
Hunter-Lab	49.9226, -22.9503, -12.4918

Details

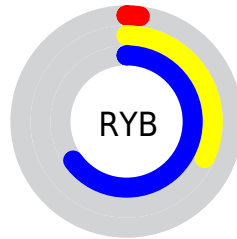
The CIELCh color **57, 32.445, 212.242** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **35, 72.492, 40.368**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 32.583, 211.720**, and **38, 24.355, 217.801** is the 20% darker color. If you saturate the color by 10%, you get **57, 32.563, 212.688**, and if you desaturate by 10%, it is **58, 31.917, 210.840**.

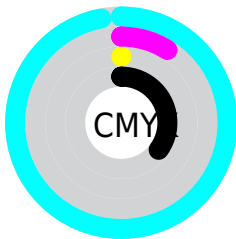
Distribution



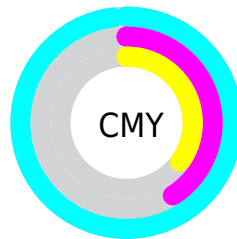
- Red (2%)
- Green (59%)
- Blue (65%)



- Red (2%)
- Yellow (32%)
- Blue (65%)



- Cyan (97%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)





- Cyan (98%)
- Magenta (41%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 32.445, 212.242 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 57, 32.445, 212.242 by changing the saturation by 10% instead.


 57, 32.445,
212.242


 57, 32.445,
212.242


 100, 32.445,
212.242


 47, 32.445,
212.242


 77, 32.445,
212.242

 37, 32.445,
212.242

 87, 32.445,
212.242

 27, 32.445,
212.242

 97, 32.445,
212.242

 17, 32.445,
212.242

 7, 32.445, 212.242

 0, 32.445, 212.242

■ 57, 32.445,
212.242

■ 57, 32.445,
212.242

■ 57, 32.563,
212.688

■ 58, 31.917,
210.840

■ 58, 30.750,
209.725

■ 59, 28.852,
208.886

■ 60, 26.213,
208.290

■ 61, 22.868,
207.902

■ 62, 18.882,
207.690

■ 64, 14.336,
207.626

■ 65, 9.322, 207.691

Harmonies

Complementary

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



57, 32.445, 212.242



35, 72.492, 40.368

Rectangle

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



57, 32.445, 212.242



57, 32.445, 262.242



57, 32.445, 32.242



57, 32.445, 82.242

Sweetspot

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



57, 32.444, 212.241



81, 18.981, 207.630



59, 84.345, 136.998



42, 12.915, 207.654



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 32.444, 212.241



73, 39.661, 213.028



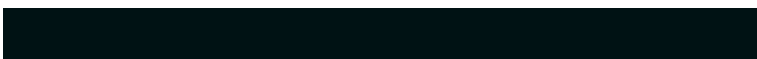
33, 58.957, 289.735



35, 3.215, 207.832



51, 29.936, 212.515



5, 5.846, 211.449

Inverse Universe

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



39, 77.473, 332.159



50, 94.944, 332.376



48, 59.012, 68.860



33, 6.032, 327.566



34, 71.655, 332.250



2, 10.688, 328.118

Previews

White Background



This preview shows how the CIE LCh color 57, 32.445, 212.242 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 32.445, 212.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

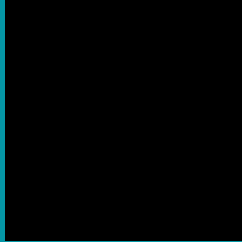
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

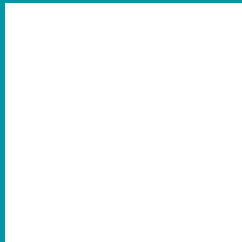
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 32.445, 212.242

Background



This preview shows how black text looks on a background with the CIELCh color 57, 32.445, 212.242.



This preview shows how white text looks on a background with the CIELCh color 57, 32.445, 212.242.

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

57, 32.445, 212.242

Protanopia

57, 11.438, 287.829

Deuteranopia

57, 21.159, 291.684



Tritanopia
57, 32.677, 209.978

Trichromacy



Original Color
57, 32.445, 212.242



Protanomaly
56, 20.133, 229.090



Deuteranomaly
56, 23.009, 244.983



Tritanomaly
57, 32.574, 211.096

Monochromacy



Original Color
57, 32.445, 212.242



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 18.205, 208.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 32.445, 212.242 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(5, 151, 166)` looks like.

```
.text, #text, p{  
    color:rgb(5, 151, 166)  
}
```

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(5, 151, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 151, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 32.445, 212.242 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(5, 151, 166) }
```

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

```
.border{ border-color:rgb(5, 151, 166) }
```

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

Here you see how a box with a 4 pixel rgb(5, 151, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 151, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 151, 166);  
box-shadow:4px 4px 4px 4px rgb(5, 151,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 32.445, 212.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 151, 166) }
```

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

```
.background{ background-color: rgb(5, 151,  
166) }
```

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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