

Converting Colors

CIELCh(59, 32.425, 165.674)

Have a look what the booklet for
CIELCh(59, 32.425, 165.674)
contains.

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Color

CIELCh(59, 32.217, 165.865)

Conversions

Conversions Part 1

Format	Color
Hex	4E9C7F
RGB	78, 156, 127
RGB Percent	31%, 61%, 50%
CMY	0.6931, 0.3873, 0.5010
CMYK	0.50, 0.00, 0.19, 0.39
HSL	158°, 33%, 46%
HSV	158°, 50%, 61%
XYZ	18.9378, 27.0277, 24.3772
YIQ	129.3720, -37.1790, -25.5550

Conversions

Conversions Part 2

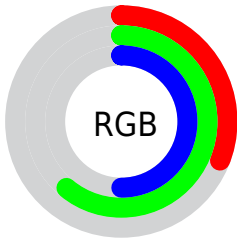
Format	Color
RYB	78, 126, 156
Decimal	5151871
CIELab	59.00, -31.24, 7.87
CIELCh	59, 32.217, 165.865
Yxy	27.0277, 0.2692, 0.3842
Android (android.graphics.Color)	4283341951 (0xFF4E9C7F)
YUV	129.3720, -1.1694, -45.0532
Hunter-Lab	51.9882, -25.9569, 8.5907

Details

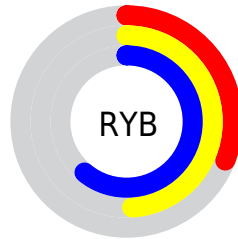
The CIELCh color **59, 32.217, 165.865** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44, 35.848, 357.276**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 32.142, 166.077**, and **39, 32.180, 166.004** is the 20% darker color. If you saturate the color by 10%, you get **58, 37.623, 164.433**, and if you desaturate by 10%, it is **60, 26.321, 167.146**.

Distribution



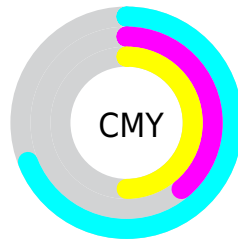
- Red (31%)
- Green (61%)
- Blue (50%)



- Red (31%)
- Yellow (49%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)





- Cyan (69%)
- Magenta (39%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 32.217, 165.865 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 59, 32.217, 165.865 by changing the saturation by 10% instead.


 59, 32.217,
165.865


 59, 32.217,
165.865


 100, 32.217,
165.865


 49, 32.217,
165.865


 79, 32.217,
165.865


 39, 32.217,
165.865


 89, 32.217,
165.865

 29, 32.217,
165.865

 99, 32.217,
165.865

 19, 32.217,
165.865

 9, 32.217, 165.865

 0, 32.217, 165.865

■ 59, 32.217,
165.865

■ 59, 32.217,
165.865

■ 58, 37.623,
164.433

■ 60, 26.321,
167.146

■ 58, 42.447,
162.829

■ 61, 20.039,
168.304

■ 57, 46.628,
161.032

■ 62, 13.482,
169.360

■ 57, 50.156,
159.034

■ 63, 6.753, 170.346

■ 57, 53.200,
156.932

■ 64, 0.060, 344.923

■ 57, 53.225,
156.916

■ 66, 6.882, 351.944

■ 68, 13.656,
352.743

■ 69, 20.338,
353.478

■ 71, 26.896,
354.171

Harmonies

Complementary

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



59, 32.217, 165.865



44, 35.848, 357.276

Rectangle

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



59, 32.217, 165.865



59, 32.217, 215.865



59, 32.217, 345.865



59, 32.217, 35.865

Sweetspot

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



59, 32.218, 165.864



80, 12.658, 169.821



60, 46.905, 130.731



42, 8.605, 169.628



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 32.218, 165.864



74, 46.633, 164.240



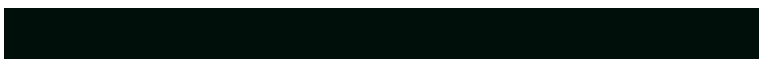
57, 22.380, 211.036



33, 3.887, 170.411



52, 49.665, 157.108



3, 5.219, 169.156

Inverse Universe

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



44, 35.848, 357.276



52, 52.764, 359.572



45, 32.629, 32.948



31, 3.967, 351.947



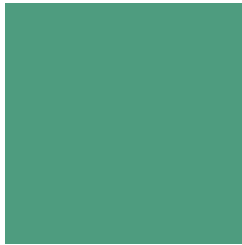
30, 55.242, 13.148



1, 5.055, 352.403

Previews

White Background



This preview shows how the CIELCh color 59, 32.217, 165.865 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 59, 32.217, 165.865 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 59, 32.217, 165.865

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.217, 165.865.

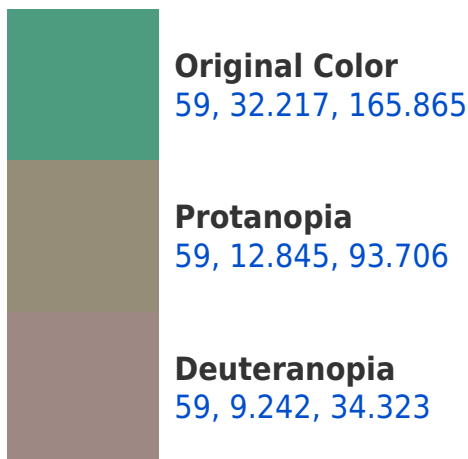


This preview shows how white text looks on a background with the CIELCh color 59, 32.217, 165.865.

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
59, 20.911, 216.899

Trichromacy



Original Color
59, 32.217, 165.865

Protanomaly
58, 17.117, 142.404

Deuteranomaly
58, 9.259, 145.872

Tritanomaly
59, 22.872, 193.036

Monochromacy



Original Color
59, 32.217, 165.865

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 12.877, 168.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.217, 165.865 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(78, 156, 127)` looks like.

```
.text, #text, p{  
    color:rgb(78, 156, 127)  
}
```

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(78, 156, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 156, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.217, 165.865 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(78, 156, 127) }
```

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

```
.border{ border-color:rgb(78, 156, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 156, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 156, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 156, 127);  
box-shadow:4px 4px 4px 4px rgb(78, 156,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.217, 165.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 156, 127) }
```

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

```
.background{ background-color: rgb(78, 156,  
127) }
```

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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