

Converting Colors

CIELCh(59, 29.209, 126.963)

Have a look what the booklet for
CIELCh(59, 29.209, 126.963)
contains.

CIELCh(59, 29.565, 126.832)	3
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Color

CIELCh(59, 29.565, 126.832)

Conversions

Conversions Part 1

Format	Color
Hex	7E9664
RGB	126, 150, 100
RGB Percent	49%, 59%, 39%
CMY	0.5072, 0.4131, 0.6091
CMYK	0.16, 0.00, 0.33, 0.41
HSL	89°, 20%, 49%
HSV	89°, 33%, 59%
XYZ	21.6913, 27.0277, 16.0486
YIQ	137.1240, 1.7460, -20.6380

Conversions

Conversions Part 2

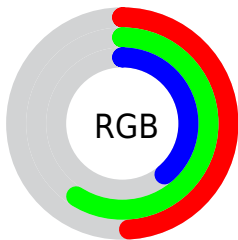
Format	Color
RYB	100, 150, 124
Decimal	8296036
CIELab	59.00, -17.72, 23.66
CIELCh	59, 29.565, 126.832
Yxy	27.0277, 0.3349, 0.4173
Android (android.graphics.Color)	4286486116 (0xFF7E9664)
YUV	137.1240, -18.3021, -9.7557
Hunter-Lab	51.9882, -16.5029, 18.0891

Details

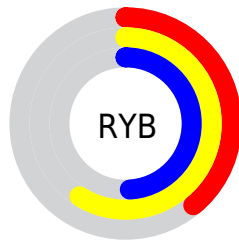
The CIELCh color $59, 29.565, 126.832$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 31.022, 310.012$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 29.617, 126.855$, and $39, 29.750, 126.616$ is the 20% darker color. If you saturate the color by 10%, you get $58, 38.159, 126.372$, and if you desaturate by 10%, it is $60, 20.778, 127.312$.

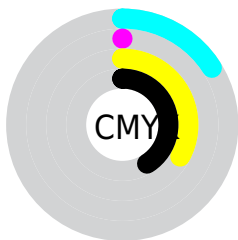
Distribution



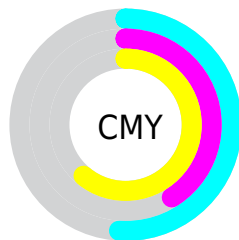
- Red (49%)
- Green (59%)
- Blue (39%)



- Red (39%)
- Yellow (59%)
- Blue (49%)



- Cyan (16%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)





- Cyan (51%)
- Magenta (41%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 29.565, 126.832 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, 29.565, 126.832 by changing the saturation by 10% instead.


 59, 29.565,
126.832


 59, 29.565,
126.832


 100, 29.565,
126.832


 49, 29.565,
126.832


 79, 29.565,
126.832

 39, 29.565,
126.832

 89, 29.565,
126.832

 29, 29.565,
126.832

 99, 29.565,
126.832

 19, 29.565,
126.832

 9, 29.565, 126.832

 0, 29.565, 126.832

■ 59, 29.565,
126.832

■ 59, 29.565,
126.832

■ 58, 38.159,
126.372

■ 60, 20.778,
127.312

■ 58, 46.403,
125.968

■ 61, 11.900,
127.785

■ 57, 54.081,
125.683

■ 62, 3.007, 128.255

■ 56, 60.892,
125.609

■ 63, 5.849, 308.627

■ 56, 66.476,
125.861

■ 64, 14.630,
309.020

■ 56, 70.505,
126.548

■ 65, 23.309,
309.371

■ 55, 72.651,
127.097

■ 66, 31.866,
309.688

■ 67, 40.290,
309.973

■ 69, 48.570,
310.228

Harmonies

Complementary

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



59, 29.565, 126.832



46, 31.022, 310.012

Rectangle

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



59, 29.565, 126.832



59, 29.565, 176.832



59, 29.565, 306.832



59, 29.565, 356.832

Sweetspot

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



59, 29.566, 126.834



77, 10.961, 127.934



54, 17.955, 67.868



40, 7.458, 127.875



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 29.566, 126.834



74, 43.516, 126.489



57, 34.172, 141.342



31, 4.966, 127.980



51, 68.294, 126.974



2, 4.348, 128.370

Inverse Universe

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



46, 31.022, 310.012



55, 46.212, 310.422



49, 34.224, 325.236



29, 5.034, 308.768



20, 79.047, 311.725



0, 4.349, 308.368

Previews

White Background



This preview shows how the CIE LCh color 59, 29.565, 126.832 looks on a white background.

Color Contrast Check

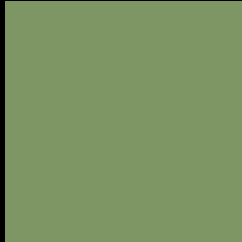
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.565, 126.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

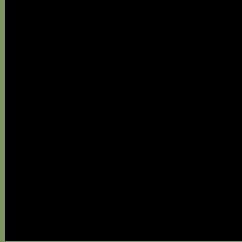
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 29.565, 126.832

Background



This preview shows how black text looks on a background with the CIELCh color 59, 29.565, 126.832.



This preview shows how white text looks on a background with the CIELCh color 59, 29.565, 126.832.

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
59, 29.565, 126.832

Protanopia
59, 26.183, 96.567

Deuteranopia
59, 23.543, 71.458



Tritanopia
59, 7.002, 262.408

Trichromacy



Original Color
59, 29.565, 126.832

Protanomaly
59, 26.732, 108.920

Deuteranomaly
59, 22.526, 94.265

Tritanomaly
59, 8.341, 150.446

Monochromacy



Original Color
59, 29.565, 126.832

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.369, 127.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 29.565, 126.832 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(126, 150, 100)` looks like.

```
.text, #text, p{  
    color:rgb(126, 150, 100)  
}
```

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(126, 150, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 150, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 29.565, 126.832 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(126, 150, 100) }
```

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

```
.border{ border-color:rgb(126, 150, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 150, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 150, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 150, 100);  
box-shadow:4px 4px 4px 4px rgb(126, 150,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 29.565, 126.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 150, 100) }
```

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

```
.background{ background-color: rgb(126,  
150, 100) }
```

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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