

Converting Colors

CIELCh(59, 20.111, 113.571)

Have a look what the booklet for
CIELCh(59, 20.111, 113.571)
contains.

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Color

CIELCh(59, 20.270, 113.788)

Conversions

Conversions Part 1

Format	Color
Hex	8C916D
RGB	140, 145, 109
RGB Percent	55%, 57%, 43%
CMY	0.4501, 0.4304, 0.5717
CMYK	0.03, 0.00, 0.25, 0.43
HSL	68°, 14%, 50%
HSV	68°, 25%, 57%
XYZ	23.7888, 27.0277, 18.4947
YIQ	139.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

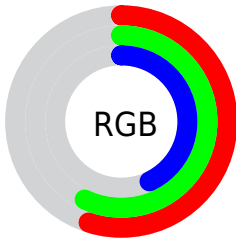
Format	Color
R_{YB}	109, 145, 114
Decimal	9212269
CIE _{Lab}	59.00, -8.18, 18.55
CIE _{LCh}	59, 20.270, 113.788
Yxy	27.0277, 0.3432, 0.3899
Android (android.graphics.Color)	4287402349 (0xFF8C916D)
YUV	139.4010, -14.9877, 0.5253
Hunter-Lab	51.9882, -9.3011, 15.2995

Details

The CIELCh color $59, 20.270, 113.788$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 21.413, 297.790$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 20.215, 113.877$, and $39, 20.598, 114.716$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.261, 113.054$, and if you desaturate by 10%, it is $59, 12.141, 114.538$.

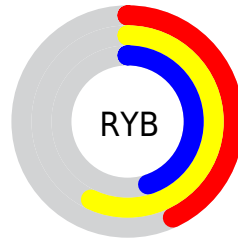
Distribution



Red (55%)

Green (57%)

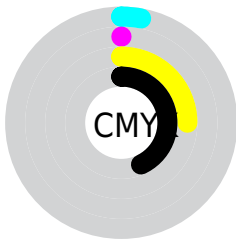
Blue (43%)



Red (43%)

Yellow (57%)

Blue (45%)

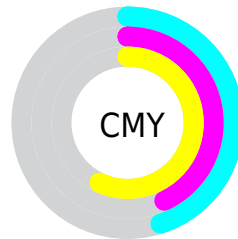


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (43%)



Cyan (45%)


Magenta (43%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 20.270, 113.788 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, 20.270, 113.788 by changing the saturation by 10% instead.

 59, 20.270,
113.788


 59, 20.270,
113.788


 100, 20.270,
113.788


 49, 20.270,
113.788


 79, 20.270,
113.788

 39, 20.270,
113.788

 89, 20.270,
113.788

 29, 20.270,
113.788

 99, 20.270,
113.788

 19, 20.270,
113.788

 9, 20.270, 113.788

 0, 20.270, 113.788

■ 59, 20.270,
113.788

■ 59, 20.270,
113.788

■ 59, 28.261,
113.054

■ 59, 12.141,
114.538

■ 58, 36.007,
112.349

■ 60, 3.938, 115.277

■ 58, 43.356,
111.712

■ 61, 4.292, 296.002

■ 58, 50.080,
111.189

■ 61, 12.516,
296.695

■ 57, 55.870,
110.842

■ 62, 20.710,
297.357

■ 57, 60.360,
110.743

■ 63, 28.859,
297.984

■ 57, 63.277,
110.950

■ 63, 36.948,
298.576

■ 57, 64.529,

■ 64, 44.969,
299.131

111.101

■ 65, 52.912,
299.650

Harmonies

Complementary

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



59, 20.270, 113.788



48, 21.413, 297.790

Rectangle

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



59, 20.270, 113.788



59, 20.270, 163.788



59, 20.270, 293.788



59, 20.270, 343.788

Sweetspot

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



59, 20.271, 113.791



76, 7.118, 115.105



51, 13.648, 32.542



40, 4.610, 115.069



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 20.271, 113.791



75, 30.261, 113.359



58, 22.369, 132.504



30, 4.574, 114.956



53, 61.228, 111.050



2, 3.102, 115.626

Inverse Universe

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



48, 21.413, 297.790



58, 32.440, 298.419



49, 22.889, 314.619



28, 4.668, 296.338



15, 82.604, 306.958



0, 3.103, 295.626

Previews

White Background



This preview shows how the CIELCh color 59, 20.270, 113.788 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, 20.270, 113.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

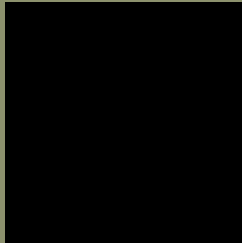
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

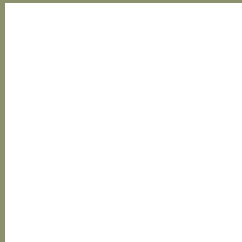
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 20.270, 113.788

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.270, 113.788.



This preview shows how white text looks on a background with the CIELCh color 59, 20.270, 113.788.

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, 20.270, 113.788

Protanopia

59, 19.581, 95.342

Deuteranopia

59, 19.310, 66.570



Tritanopia
59, 6.677, 310.927

Trichromacy



Original Color
59, 20.270, 113.788

Protanomaly
59, 19.747, 101.704

Deuteranomaly
59, 18.140, 83.121

Tritanomaly
59, 3.469, 96.560

Monochromacy



Original Color
59, 20.270, 113.788

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.391, 115.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.270, 113.788 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(140, 145, 109)` looks like.

```
.text, #text, p{  
    color:rgb(140, 145, 109)  
}
```

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(140, 145, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 145, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.270, 113.788 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(140, 145, 109) }
```

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

```
.border{ border-color:rgb(140, 145, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 145, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 145, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 145, 109);  
box-shadow:4px 4px 4px 4px rgb(140, 145,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.270, 113.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 145, 109) }
```

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

```
.background{ background-color: rgb(140,  
145, 109) }
```

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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