

Converting Colors

CIELCh(58, 26.502, 104.179)

Have a look what the booklet for
CIELCh(58, 26.502, 104.179)
contains.

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Color

CIELCh(58, 26.321, 104.214)

Conversions

Conversions Part 1

Format	Color
Hex	908D5E
RGB	144, 141, 94
RGB Percent	56%, 55%, 37%
CMY	0.4336, 0.4454, 0.6298
CMYK	0.00, 0.02, 0.35, 0.43
HSL	56°, 21%, 47%
HSV	56°, 35%, 57%
XYZ	23.2054, 25.9610, 14.4736
YIQ	136.5390, 16.8750, -13.9810

Conversions

Conversions Part 2

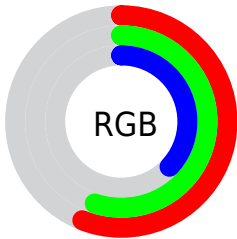
Format	Color
RGB	97, 144, 94
Decimal	9473374
CIE Lab	58.00, -6.46, 25.52
CIE LCh	58, 26.321, 104.214
Yxy	25.9610, 0.3646, 0.4079
Android (android.graphics.Color)	4287663454 (0xFF908D5E)
YUV	136.5390, -20.9717, 6.5433
Hunter-Lab	50.9519, -7.8703, 18.8242

Details

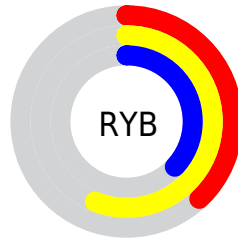
The CIELCh color $58, 26.321, 104.214$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 28.323, 292.106$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 26.512, 104.231$, and $38, 26.273, 103.801$ is the 20% darker color. If you saturate the color by 10%, you get $58, 33.644, 103.231$, and if you desaturate by 10%, it is $59, 18.810, 105.218$.

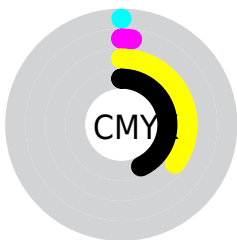
Distribution



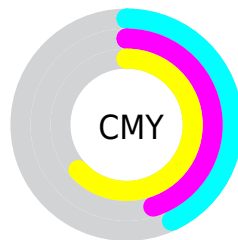
- Red (56%)
- Green (55%)
- Blue (37%)



- Red (38%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (43%)




- Cyan (43%)
- Magenta (45%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.321, 104.214 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 58, 26.321, 104.214 by changing the saturation by 10% instead.


 58, 26.321,
104.214


 58, 26.321,
104.214


 100, 26.321,
104.214


 48, 26.321,
104.214


 78, 26.321,
104.214

 38, 26.321,
104.214

 88, 26.321,
104.214

 28, 26.321,
104.214

 98, 26.321,
104.214

 18, 26.321,
104.214

 8, 26.321, 104.214

 0, 26.321, 104.214

■ 58, 26.321,
104.214

■ 58, 26.321,
104.214

■ 58, 33.644,
103.231

■ 59, 18.810,
105.218

■ 57, 40.631,
102.277

■ 59, 11.198,
106.216

■ 57, 47.063,
101.379

■ 60, 3.545, 107.190

■ 56, 52.625,
100.563

■ 60, 4.113, 288.192

■ 56, 56.924, 99.853

■ 61, 11.754,
289.115

■ 56, 59.631, 99.262

■ 62, 19.361,
290.013

■ 56, 60.800, 98.970

■ 62, 26.925,
290.873

■ 63, 34.439,
291.692

■ 64, 41.896,
292.470

Harmonies

Complementary

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



58, 26.321, 104.214



43, 28.323, 292.106

Rectangle

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



58, 26.321, 104.214



58, 26.321, 154.214



58, 26.321, 284.214



58, 26.321, 334.214

Sweetspot

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



58, 26.322, 104.218



76, 9.516, 106.653



46, 21.896, 17.325



40, 6.471, 106.530



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 26.322, 104.218



74, 39.438, 103.401



57, 29.433, 125.057



30, 4.280, 106.755



52, 57.946, 98.995



2, 2.900, 107.658

Inverse Universe

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



43, 28.323, 292.106



51, 43.419, 293.561



44, 31.101, 308.538



28, 4.360, 288.622



15, 80.397, 305.242



0, 2.901, 287.660

Previews

White Background



This preview shows how the CIELCh color 58, 26.321, 104.214 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 58, 26.321, 104.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

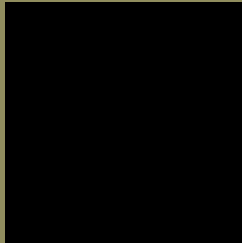
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

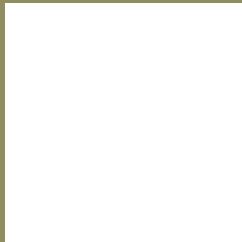
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 26.321, 104.214

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.321, 104.214.



This preview shows how white text looks on a background with the CIELCh color 58, 26.321, 104.214.

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


58, 26.321, 104.214

Protanopia

58, 25.828, 95.385

Deuteranopia

58, 25.832, 73.110



Tritanopia
58, 8.587, 333.586

Trichromacy



Original Color
58, 26.321, 104.214

Protanomaly
58, 26.087, 98.417

Deuteranomaly
58, 25.204, 84.709

Tritanomaly
58, 7.227, 71.113

Monochromacy



Original Color
58, 26.321, 104.214

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.633, 106.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.321, 104.214 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(144, 141, 94)` looks like.

```
.text, #text, p{  
    color:rgb(144, 141, 94)  
}
```

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(144, 141, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.321, 104.214 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(144, 141, 94) }
```

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

```
.border{ border-color:rgb(144, 141, 94) }
```

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

Here you see how a box with a 4 pixel rgb(144, 141, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 141, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 141, 94);  
box-shadow:4px 4px 4px 4px rgb(144, 141,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.321, 104.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 94) }
```

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

```
.background{ background-color: rgb(144,  
141, 94) }
```

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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