

Converting Colors

CIELCh(58, 26.032, 105.960)

Have a look what the booklet for
CIELCh(58, 26.032, 105.960)
contains.

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Color

CIELCh(58, 26.263, 106.132)

Conversions

Conversions Part 1

Format	Color
Hex	8F8E5F
RGB	143, 142, 95
RGB Percent	56%, 56%, 37%
CMY	0.4397, 0.4436, 0.6279
CMYK	0.00, 0.01, 0.34, 0.44
HSL	59°, 20%, 47%
HSV	59°, 34%, 56%
XYZ	23.0201, 25.9610, 14.5958
YIQ	136.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

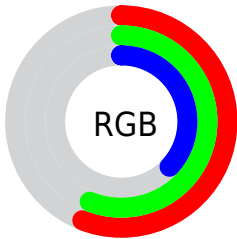
Format	Color
RYB	96, 143, 95
Decimal	9408095
CIELab	58.00, -7.30, 25.23
CIELCh	58, 26.263, 106.132
Yxy	25.9610, 0.3621, 0.4083
Android (android.graphics.Color)	4287598175 (0xFF8F8E5F)
YUV	136.9410, -20.6769, 5.3137
Hunter-Lab	50.9519, -8.5197, 18.6820

Details

The CIELCh color $58, 26.263, 106.132$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 28.373, 293.506$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 26.445, 106.855$, and $38, 26.218, 105.951$ is the 20% darker color. If you saturate the color by 10%, you get $58, 33.770, 105.202$, and if you desaturate by 10%, it is $58, 18.549, 107.091$.

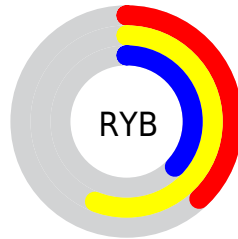
Distribution



Red (56%)

Green (56%)

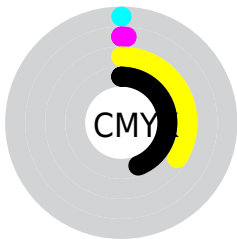
Blue (37%)



Red (38%)

Yellow (56%)

Blue (37%)

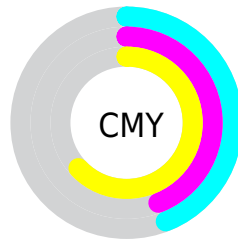


Cyan (0%)

Magenta (1%)

Yellow (34%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.263, 106.132 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, 26.263, 106.132 by changing the saturation by 10% instead.


 58, 26.263,
106.132


 58, 26.263,
106.132


 100, 26.263,
106.132


 48, 26.263,
106.132


 78, 26.263,
106.132

 38, 26.263,
106.132

 88, 26.263,
106.132

 28, 26.263,
106.132

 98, 26.263,
106.132

 18, 26.263,
106.132

 8, 26.263, 106.132

 0, 26.263, 106.132

■ 58, 26.263,
106.132

■ 58, 26.263,
106.132

■ 58, 33.770,
105.202

■ 58, 18.549,
107.091

■ 57, 40.922,
104.313

■ 59, 10.717,
108.050

■ 57, 47.505,
103.495

■ 59, 2.830, 108.987

■ 57, 53.216,
102.780

■ 60, 5.076, 289.952

■ 57, 57.686,
102.203

■ 60, 12.973,
290.851

■ 57, 60.589,
101.787

■ 61, 20.844,
291.722

■ 57, 62.014,
101.566

■ 61, 28.677,
292.558

■ 62, 36.462,
293.353

■ 63, 44.192,
294.107

Harmonies

Complementary

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



58, 26.263, 106.132



42, 28.373, 293.506

Rectangle

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



58, 26.263, 106.132



58, 26.263, 156.132



58, 26.263, 286.132



58, 26.263, 336.132

Sweetspot

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



58, 26.264, 106.136



75, 9.791, 108.371



45, 21.049, 19.718



40, 6.732, 108.251



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, 26.264, 106.136



74, 38.570, 105.455



57, 28.533, 126.342



30, 4.453, 108.469



54, 59.564, 101.572



2, 3.020, 109.343

Inverse Universe

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



42, 28.373, 293.506



50, 42.561, 294.725



44, 29.984, 309.573



27, 4.544, 290.278



14, 82.393, 305.924



0, 3.021, 289.345

Previews

White Background



This preview shows how the CIELCh color 58, 26.263, 106.132 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 CIE LCh color 58, 26.263, 106.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

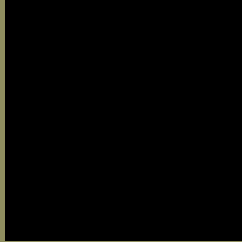
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.263, 106.132

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.263, 106.132.



This preview shows how white text looks on a background with the CIELCh color 58, 26.263, 106.132.

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, 26.263, 106.132

Protanopia
58, 25.828, 95.385

Deuteranopia
58, 25.354, 72.510



Tritanopia
58, 8.327, 331.578

Trichromacy



Original Color
58, 26.263, 106.132

Protanomaly
58, 26.020, 99.375

Deuteranomaly
58, 24.685, 84.318

Tritanomaly
58, 7.223, 78.926

Monochromacy



Original Color
58, 26.263, 106.132

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.628, 109.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.263, 106.132 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(143, 142, 95)` looks like.

```
.text, #text, p{  
    color:rgb(143, 142, 95)  
}
```

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(143, 142, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 142, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.263, 106.132 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(143, 142, 95) }
```

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

```
.border{ border-color:rgb(143, 142, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 142, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(143, 142,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.263, 106.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 142, 95) }
```

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

```
.background{ background-color: rgb(143,  
142, 95) }
```

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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