

Converting Colors

CIELCh(58, 31.763, 106.445)

Have a look what the booklet for
CIELCh(58, 31.763, 106.445)
contains.

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Color

CIELCh(58, 32.142, 106.396)

Conversions

Conversions Part 1

Format	Color
Hex	8F8F55
RGB	143, 143, 85
RGB Percent	56%, 56%, 33%
CMY	0.4410, 0.4409, 0.6683
CMYK	0.00, 0.00, 0.41, 0.44
HSL	60°, 26%, 45%
HSV	60°, 41%, 56%
XYZ	22.6288, 25.9610, 12.3265
YIQ	136.3880, 18.6180, -18.0380

Conversions

Conversions Part 2

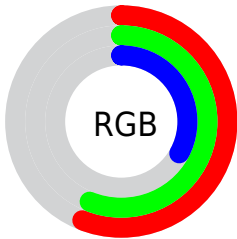
Format	Color
R_{YB}	85, 143, 85
Decimal	9408341
CIE Lab	58.00, -9.07, 30.83
CIE LCh	58, 32.142, 106.396
Yxy	25.9610, 0.3715, 0.4262
Android (android.graphics.Color)	4287598421 (0xFF8F8F55)
YUV	136.3880, -25.3343, 5.7987
Hunter-Lab	50.9519, -9.8902, 21.3226

Details

The CIELCh color **58, 32.142, 106.396** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **38, 35.590, 295.464**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 32.118, 106.476**, and **38, 32.130, 106.785** is the 20% darker color. If you saturate the color by 10%, you get **58, 39.510, 105.527**, and if you desaturate by 10%, it is **58, 24.452, 107.314**.

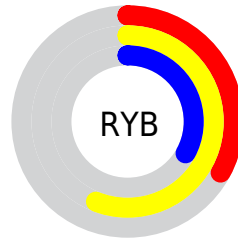
Distribution



Red (56%)

Green (56%)

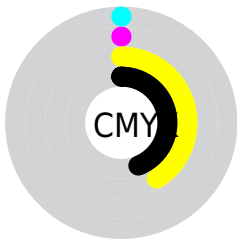
Blue (33%)



Red (33%)

Yellow (56%)

Blue (33%)

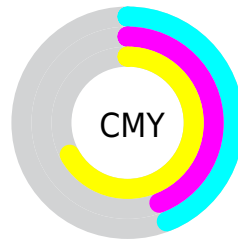


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 32.142, 106.396 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, 32.142, 106.396 by changing the saturation by 10% instead.


 58, 32.142,
106.396


 58, 32.142,
106.396


 100, 32.142,
106.396


 48, 32.142,
106.396


 78, 32.142,
106.396

 38, 32.142,
106.396

 88, 32.142,
106.396

 28, 32.142,
106.396

 98, 32.142,
106.396

 18, 32.142,
106.396

 8, 32.142, 106.396

 0, 32.142, 106.396

■ 58, 32.142,
106.396

■ 58, 32.142,
106.396

■ 58, 39.510,
105.527

■ 58, 24.452,
107.314

■ 58, 46.357,
104.727

■ 59, 16.568,
108.251

■ 58, 52.406,
104.031

■ 59, 8.575, 109.189

■ 57, 57.307,
103.479

■ 59, 0.530, 110.033

■ 60, 7.532, 291.046

■ 57, 60.719,
103.101

■ 60, 15.585,
291.927

■ 57, 62.855,
102.868

■ 61, 23.611,
292.777

■ 61, 31.598,
293.591

■ 62, 39.536,
294.365

Harmonies

Complementary

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



58, 32.142, 106.396



38, 35.590, 295.464

Rectangle

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



58, 32.142, 106.396



58, 32.142, 156.396



58, 32.142, 286.396



58, 32.142, 336.396

Sweetspot

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



58, 32.143, 106.399



75, 11.990, 109.040



43, 26.204, 23.226



40, 8.014, 108.935



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, 32.143, 106.399



74, 47.550, 105.579



56, 34.627, 127.218



30, 4.546, 109.328



55, 60.463, 102.868



2, 3.084, 110.186

Inverse Universe

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



38, 35.590, 295.464



44, 54.349, 297.199



41, 36.652, 311.044



27, 4.642, 291.107



14, 83.488, 306.288



0, 3.085, 290.188

Previews

White Background



This preview shows how the CIELCh color 58, 32.142, 106.396 looks on a white background.

Color Contrast Check

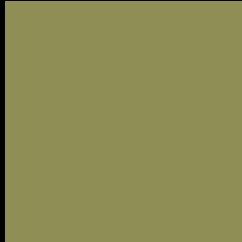
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.142, 106.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

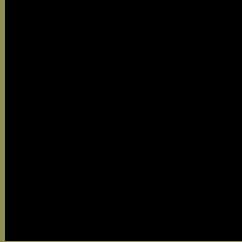
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 32.142, 106.396

Background



This preview shows how black text looks on a background with the CIELCh color 58, 32.142, 106.396.



This preview shows how white text looks on a background with the CIELCh color 58, 32.142, 106.396.

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, 32.142, 106.396

Protanopia

58, 31.796, 95.894

Deuteranopia

58, 30.714, 76.092



Tritanopia
58, 8.327, 331.578

Trichromacy



Original Color
58, 32.142, 106.396

Protanomaly
58, 31.456, 99.136

Deuteranomaly
58, 30.056, 86.693

Tritanomaly
58, 8.745, 84.241

Monochromacy



Original Color
58, 32.142, 106.396

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.901, 108.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 32.142, 106.396 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, 143, 85)` looks like.

```
.text, #text, p{  
    color:rgb(143, 143, 85)  
}
```

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, 143, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 143, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 32.142, 106.396 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, 143, 85) }
```

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

```
.border{ border-color:rgb(143, 143, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 143, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 143, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 143, 85);  
box-shadow:4px 4px 4px 4px rgb(143, 143,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 32.142, 106.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 143, 85) }
```

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

```
.background{ background-color: rgb(143,  
143, 85) }
```

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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