

Converting Colors

CIELCh(30, 11.659, 358.587)

Have a look what the booklet for
CIELCh(30, 11.659, 358.587)
contains.

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Color

CIELCh(30, 11.680, 359.201)

Conversions

Conversions Part 1

Format	Color
Hex	584047
RGB	88, 64, 71
RGB Percent	35%, 25%, 28%
CMY	0.6540, 0.7481, 0.7207
CMYK	0.00, 0.27, 0.19, 0.65
HSL	343°, 16%, 30%
HSV	343°, 27%, 35%
XYZ	7.0373, 6.2359, 6.8318
YIQ	71.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

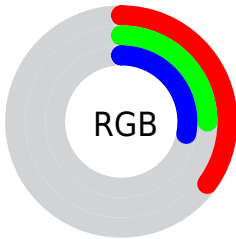
Format	Color
RYB	88, 64, 71
Decimal	5783623
CIELab	30.00, 11.68, -0.16
CIELCh	30, 11.680, 359.201
Yxy	6.2359, 0.3500, 0.3102
Android (android.graphics.Color)	4283973703 (0xFF584047)
YUV	71.9740, -0.4802, 14.0548
Hunter-Lab	24.9718, 6.6024, 1.2598

Details

The CIELCh color **30, 11.680, 359.201** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35, 10.829, 174.140**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 11.433, 359.952**, and **10, 11.898, 358.438** is the 20% darker color. If you saturate the color by 10%, you get **27, 16.181, 0.496**, and if you desaturate by 10%, it is **33, 7.264, 358.090**.

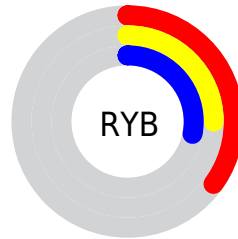
Distribution



 Red (35%)

 Green (25%)

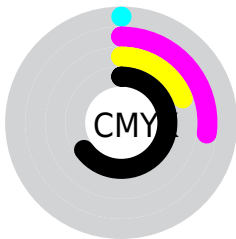
 Blue (28%)




 Red (35%)

 Yellow (25%)

 Blue (28%)

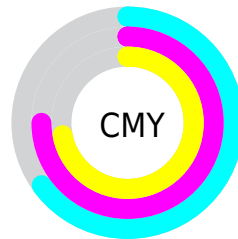


 Cyan (0%)

 Magenta (27%)

 Yellow (19%)

 Black (65%)



 Cyan (65%)


 Magenta (75%)


 Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 11.680, 359.201 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 30, 11.680, 359.201 by changing the saturation by 10% instead.


 30, 11.680,
359.201


 30, 11.680,
359.201

 100, 11.680,
359.201


 20, 11.680,
359.201


 50, 11.680,
359.201


 10, 11.680,
359.201

 60, 11.680,
359.201

 0, 11.680, 359.201

 70, 11.680,
359.201

 80, 11.680,
359.201

 90, 11.680,
359.201

■ 30, 11.680,
359.201

■ 30, 11.680,
359.201

■ 27, 16.181, 0.496

■ 33, 7.264, 358.090

■ 25, 20.689, 2.028

■ 35, 2.987, 357.081

■ 23, 25.083, 3.879

■ 38, 1.127, 176.563

■ 21, 29.205, 6.154

■ 41, 5.068, 175.626

■ 19, 32.885, 8.980

■ 44, 8.837, 174.927

■ 18, 35.981, 12.490

■ 47, 12.441,
174.303

■ 17, 38.849, 16.258

■ 50, 15.891,
173.736

■ 16, 39.731, 17.202

■ 53, 19.199,
173.217

■ 56, 22.377,
172.738

Harmonies

Complementary

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



30, 11.680, 359.201



35, 10.829, 174.140

Rectangle

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



30, 11.680, 359.201



30, 11.680, 49.201



30, 11.680, 179.201



30, 11.680, 229.201

Sweetspot

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



30, 11.679, 359.204



46, 4.123, 357.187



30, 16.929, 316.799



23, 2.959, 357.296



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



30, 11.679, 359.204



37, 17.756, 0.069



31, 9.540, 39.175



16, 2.291, 357.237



21, 45.779, 18.726



50, 83.126, 22.828

Inverse Universe

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



30, 11.679, 359.204



37, 17.756, 0.069



34, 8.056, 220.534



16, 2.291, 357.237



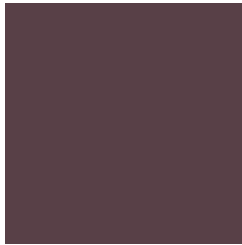
21, 45.779, 18.726



50, 83.126, 22.828

Previews

White Background



This preview shows how the CIE LCh color 30, 11.680, 359.201 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 30, 11.680, 359.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 11.680, 359.201

Background



This preview shows how black text looks on a background with the CIELCh color 30, 11.680, 359.201.



This preview shows how white text looks on a background with the CIELCh color 30, 11.680, 359.201.

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

30, 11.680, 359.201

Protanopia

30, 3.241, 298.408

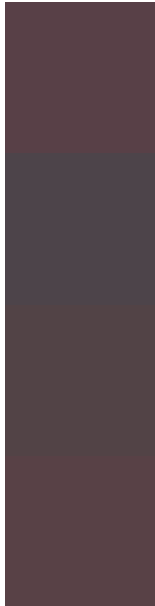
Deuteranopia

30, 4.088, 11.079



Tritanopia
30, 10.777, 7.748

Trichromacy



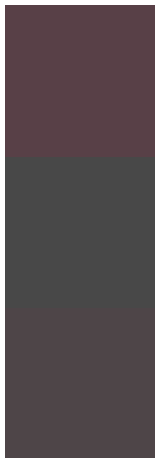
Original Color
30, 11.680, 359.201

Protanomaly
30, 5.531, 336.380

Deuteranomaly
30, 7.029, 4.866

Tritanomaly
30, 10.892, 4.468

Monochromacy



Original Color
30, 11.680, 359.201

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 4.442, 354.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 11.680, 359.201 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(88, 64, 71)` looks like.

```
.text, #text, p{  
    color:rgb(88, 64, 71)  
}
```

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(88, 64, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 64, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 11.680, 359.201 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(88, 64, 71) }
```

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

```
.border{ border-color:rgb(88, 64, 71) }
```

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

Here you see how a box with a 4 pixel rgb(88, 64, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 64, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 64, 71);  
box-shadow:4px 4px 4px 4px rgb(88, 64, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 11.680, 359.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 64, 71) }
```

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

```
.background{ background-color: rgb(88, 64,  
71) }
```

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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