

Converting Colors

CIELCh(58, 32.241, 282.034)

Have a look what the booklet for
CIELCh(58, 32.241, 282.034)
contains.

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Color

CIELCh(58, 32.241, 282.034)

Conversions

Conversions Part 1

Format	Color
Hex	758AC2
RGB	117, 138, 194
RGB Percent	46%, 54%, 76%
CMY	0.5401, 0.4578, 0.2381
CMYK	0.40, 0.29, 0.00, 0.24
HSL	224°, 39%, 61%
HSV	224°, 40%, 76%
XYZ	26.2683, 25.9610, 54.8319
YIQ	138.1050, -30.4920, 12.9640

Conversions

Conversions Part 2

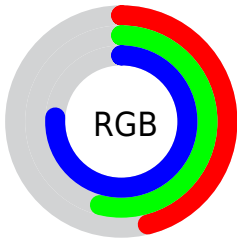
Format	Color
RYB	117, 134, 194
Decimal	7703234
CIELab	58.00, 6.72, -31.53
CIELCh	58, 32.241, 282.034
Yxy	25.9610, 0.2454, 0.2425
Android (android.graphics.Color)	4285893314 (0xFF758AC2)
YUV	138.1050, 27.5562, -18.5091
Hunter-Lab	50.9519, 2.8599, -28.1386

Details

The CIELCh color `58, 32.241, 282.034` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `71, 31.545, 90.728`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 32.486, 282.558`, and `38, 32.402, 282.256` is the 20% darker color. If you saturate the color by 10%, you get `53, 40.896, 284.337`, and if you desaturate by 10%, it is `63, 23.816, 280.053`.

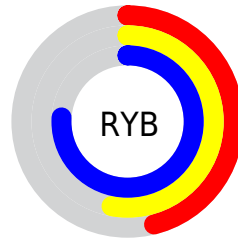
Distribution



Red (46%)

Green (54%)

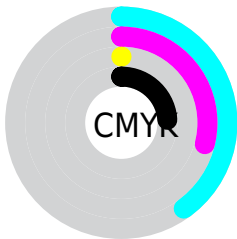
Blue (76%)



Red (46%)

Yellow (53%)

Blue (76%)

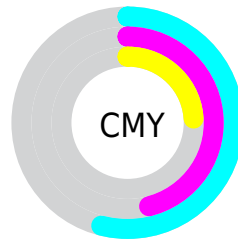


Cyan (40%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (54%)


Magenta (46%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 32.241, 282.034 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, 32.241, 282.034 by changing the saturation by 10% instead.


 58, 32.241,
282.034


 58, 32.241,
282.034


 100, 32.241,
282.034


 48, 32.241,
282.034


 78, 32.241,
282.034

 38, 32.241,
282.034

 88, 32.241,
282.034

 28, 32.241,
282.034

 98, 32.241,
282.034

 18, 32.241,
282.034

 8, 32.241, 282.034

 0, 32.241, 282.034

■ 58, 32.241,
282.034

■ 58, 32.241,
282.034

■ 53, 40.896,
284.337

■ 63, 23.816,
280.053

■ 48, 49.815,
286.984

■ 68, 15.600,
278.359

■ 43, 59.014,
289.961

■ 74, 7.574, 276.916

■ 38, 68.461,
293.193

■ 79, 0.273, 94.920

■ 34, 77.986,
296.522

■ 84, 7.949, 94.534

■ 31, 87.208,
299.654

■ 89, 15.459, 93.607

■ 31, 87.532,
299.755

■ 94, 22.807, 92.791

■ 98, 28.856,
105.186

■ 99, 30.583,
107.852

Harmonies

Complementary

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



58, 32.241, 282.034



71, 31.545, 90.728

Rectangle

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



58, 32.241, 282.034



58, 32.241, 332.034



58, 32.241, 102.034



58, 32.241, 152.034

Sweetspot

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



58, 32.240, 282.034



91, 11.697, 277.261



73, 29.103, 173.093



48, 7.833, 277.448



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 32.240, 282.034



68, 48.861, 284.121



54, 44.874, 302.012



38, 4.445, 276.881



25, 74.971, 299.298



3, 15.837, 282.411

Inverse Universe

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



58, 32.912, 2.703



69, 49.563, 4.404



76, 40.962, 116.029



38, 4.459, 358.713



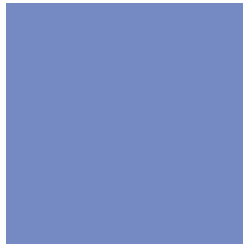
33, 62.692, 22.878



3, 14.513, 4.865

Previews

White Background



This preview shows how the CIELCh color 58, 32.241, 282.034 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, 32.241, 282.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

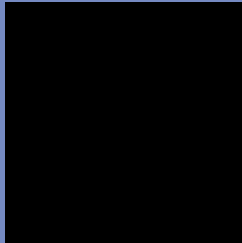
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

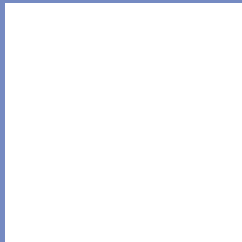
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 32.241, 282.034

Background



This preview shows how black text looks on a background with the CIELCh color 58, 32.241, 282.034.



This preview shows how white text looks on a background with the CIELCh color 58, 32.241, 282.034.

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, 32.241, 282.034

Protanopia

58, 32.027, 285.227

Deuteranopia

58, 32.104, 283.594



Tritanopia
58, 14.339, 226.985

Trichromacy



Original Color
58, 32.241, 282.034

Protanomaly
58, 32.102, 284.160

Deuteranomaly
58, 32.148, 283.070

Tritanomaly
58, 18.792, 257.253

Monochromacy



Original Color
58, 32.241, 282.034

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.688, 277.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 32.241, 282.034 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(117, 138, 194)` looks like.

```
.text, #text, p{  
    color:rgb(117, 138, 194)  
}
```

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(117, 138, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 138, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 32.241, 282.034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

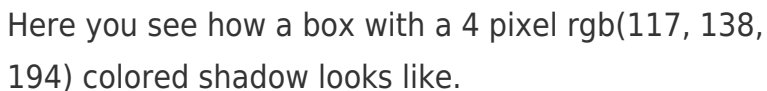
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 138, 194) }
```

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

```
.border{ border-color:rgb(117, 138, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 138, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 138, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 138, 194); box-shadow:4px 4px 4px 4px rgb(117, 138, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 32.241, 282.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 138, 194) }
```

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

```
.background{ background-color: rgb(117,  
138, 194) }
```

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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