

Converting Colors

CIELCh(58, 18.155, 290.265)

Have a look what the booklet for
CIELCh(58, 18.155, 290.265)
contains.

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Color

CIELCh(58, 18.218, 290.037)

Conversions

Conversions Part 1

Format	Color
Hex	8789A9
RGB	135, 137, 169
RGB Percent	53%, 54%, 66%
CMY	0.4701, 0.4622, 0.3367
CMYK	0.20, 0.19, 0.00, 0.34
HSL	236°, 17%, 60%
HSV	236°, 20%, 66%
XYZ	26.1523, 25.9610, 41.2372
YIQ	140.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

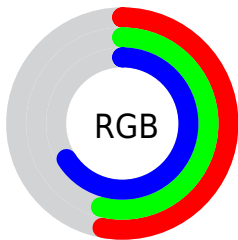
Format	Color
R_{YB}	135, 137, 169
Decimal	8882601
CIE _{Lab}	58.00, 6.24, -17.12
CIE _{LCh}	58, 18.218, 290.037
Yxy	25.9610, 0.2802, 0.2781
Android (android.graphics.Color)	4287072681 (0xFF8789A9)
YUV	140.0500, 14.2724, -4.4288
Hunter-Lab	50.9519, 2.4536, -12.3192

Details

The CIELCh color `58, 18.218, 290.037` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `68, 17.502, 105.703`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 18.234, 290.758`, and `38, 18.482, 290.778` is the 20% darker color. If you saturate the color by 10%, you get `52, 27.814, 291.493`, and if you desaturate by 10%, it is `64, 8.988, 288.795`.

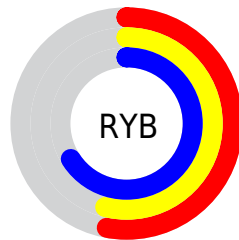
Distribution



Red (53%)

Green (54%)

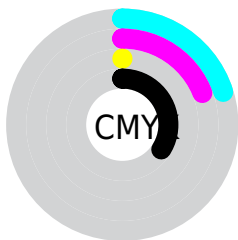
Blue (66%)



Red (53%)

Yellow (54%)

Blue (66%)

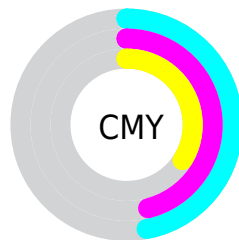


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (34%)



Cyan (47%)


Magenta (46%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 18.218, 290.037 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, 18.218, 290.037 by changing the saturation by 10% instead.


 58, 18.218,
290.037


 58, 18.218,
290.037


 100, 18.218,
290.037


 48, 18.218,
290.037


 78, 18.218,
290.037

 38, 18.218,
290.037

 88, 18.218,
290.037

 28, 18.218,
290.037

 98, 18.218,
290.037

 18, 18.218,
290.037

 8, 18.218, 290.037

 0, 18.218, 290.037

■ 58, 18.218,
290.037

■ 58, 18.218,
290.037

■ 52, 27.814,
291.493

■ 64, 8.988, 288.795

■ 47, 37.806,
293.196

■ 69, 0.099, 288.507

■ 75, 8.475, 106.809

■ 41, 48.200,
295.158

■ 80, 16.756,
106.036

■ 36, 58.945,
297.364

■ 86, 24.765,
105.367

■ 31, 69.834,
299.731

■ 91, 32.519,
104.786

■ 26, 80.327,
302.081

■ 97, 40.033,
104.281

■ 23, 89.380,
304.131

■ 98, 42.951,
106.897

■ 20, 95.632,

Harmonies

Complementary

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



58, 18.218, 290.037



68, 17.502, 105.703

Rectangle

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



58, 18.218, 290.037



58, 18.218, 340.037



58, 18.218, 110.037



58, 18.218, 160.037

Sweetspot

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



58, 18.217, 290.035



83, 6.548, 288.356



67, 12.337, 192.523



44, 4.341, 288.422



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 18.217, 290.035



71, 27.088, 290.637



59, 20.141, 307.712



33, 5.006, 288.702



17, 86.230, 305.366



1, 9.076, 288.077

Inverse Universe

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



60, 13.816, 16.185



73, 20.675, 16.663



67, 19.526, 125.755



33, 3.730, 15.143



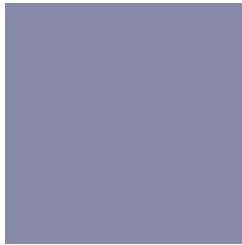
30, 66.957, 36.967



1, 6.596, 15.197

Previews

White Background



This preview shows how the CIELCh color 58, 18.218, 290.037 looks on a white background.

Color Contrast Check

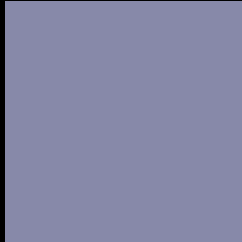
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.218, 290.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

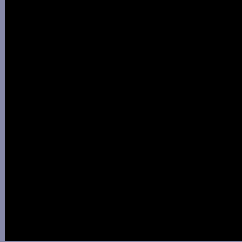
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

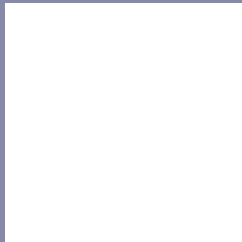
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 18.218, 290.037

Background



This preview shows how black text looks on a background with the CIELCh color 58, 18.218, 290.037.



This preview shows how white text looks on a background with the CIELCh color 58, 18.218, 290.037.

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

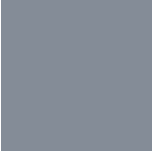
58, 18.218, 290.037

Protanopia

58, 18.273, 285.646

Deuteranopia

58, 18.831, 294.490



Tritanopia
58, 6.869, 265.172

Trichromacy



Original Color
58, 18.218, 290.037

Protanomaly
58, 18.244, 286.730

Deuteranomaly
58, 18.816, 293.410

Tritanomaly
58, 10.978, 279.907

Monochromacy



Original Color
58, 18.218, 290.037

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.829, 287.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 18.218, 290.037 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(135, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(135, 137, 169)  
}
```

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(135, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 137, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 18.218, 290.037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

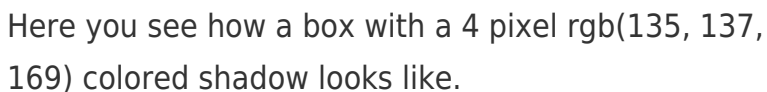
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 137, 169) }
```

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

```
.border{ border-color:rgb(135, 137, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 137, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 137, 169); box-shadow:4px 4px 4px 4px rgb(135, 137, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 18.218, 290.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 137, 169) }
```

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

```
.background{ background-color: rgb(135,  
137, 169) }
```

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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