

Converting Colors

CIELCh(52, 11.891, 270.724)

Have a look what the booklet for
CIELCh(52, 11.891, 270.724)
contains.

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Color

CIELCh(52, 11.748, 269.658)

Conversions

Conversions Part 1

Format	Color
Hex	717D90
RGB	113, 125, 144
RGB Percent	44%, 49%, 56%
CMY	0.5574, 0.5103, 0.4358
CMYK	0.22, 0.13, 0.00, 0.44
HSL	217°, 12%, 50%
HSV	217°, 22%, 56%
XYZ	19.1328, 20.1443, 29.2099
YIQ	123.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

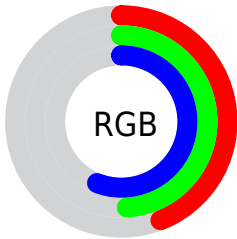
Format	Color
R _Y B	113, 122, 144
Decimal	7437712
CIE Lab	52.00, -0.07, -11.75
CIE LCh	52, 11.748, 269.658
Yxy	20.1443, 0.2794, 0.2941
Android (android.graphics.Color)	4285627792 (0xFF717D90)
YUV	123.5780, 10.0680, -9.2769
Hunter-Lab	44.8824, -2.4519, -7.1688

Details

The CIELCh color $52, 11.748, 269.658$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 11.973, 83.868$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 11.685, 268.337$, and $32, 12.123, 270.106$ is the 20% darker color. If you saturate the color by 10%, you get $48, 17.265, 271.452$, and if you desaturate by 10%, it is $56, 6.271, 268.125$.

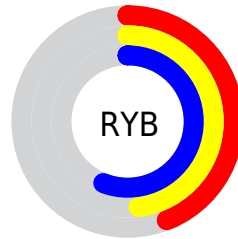
Distribution



Red (44%)

Green (49%)

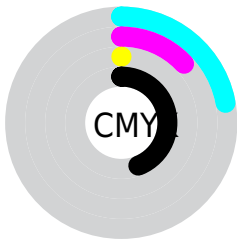
Blue (56%)



Red (44%)

Yellow (48%)

Blue (56%)

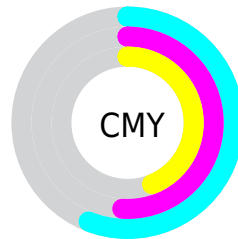


Cyan (22%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (56%)


Magenta (51%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 11.748, 269.658 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 52, 11.748, 269.658 by changing the saturation by 10% instead.


 52, 11.748,
269.658


 52, 11.748,
269.658


 100, 11.748,
269.658


 42, 11.748,
269.658


 72, 11.748,
269.658

 32, 11.748,
269.658

 82, 11.748,
269.658

 22, 11.748,
269.658

 92, 11.748,
269.658

 12, 11.748,
269.658

 2, 11.748, 269.658

 0, 11.748, 269.658

■ 52, 11.748,
269.658

■ 52, 11.748,
269.658

■ 48, 17.265,
271.452

■ 56, 6.271, 268.125

■ 45, 22.826,
273.556

■ 59, 0.841, 267.024

■ 63, 4.539, 85.567

■ 41, 28.438,
276.009

■ 66, 9.862, 84.596

■ 38, 34.120,
278.842

■ 70, 15.123, 83.732

■ 73, 20.319, 82.968

■ 35, 39.903,
282.059

■ 77, 25.446, 82.290

■ 32, 45.821,
285.616

■ 81, 30.500, 81.684

■ 84, 35.482, 81.140

■ 29, 51.890,
289.399

■ 26, 57.136,

292.472

Harmonies

Complementary

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



52, 11.748, 269.658



56, 11.973, 83.868

Rectangle

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



52, 11.748, 269.658



52, 11.748, 319.658



52, 11.748, 89.658



52, 11.748, 139.658

Sweetspot

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



52, 11.747, 269.654



73, 4.016, 267.412



57, 13.890, 167.474



38, 2.685, 267.481



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 11.747, 269.654



64, 17.526, 270.515



49, 18.308, 296.081



28, 3.046, 267.801



24, 54.266, 292.231



1, 2.051, 266.581

Inverse Universe

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



51, 14.371, 352.247



62, 21.524, 352.817



59, 17.453, 112.403



28, 3.677, 350.966



28, 52.889, 11.414



1, 2.448, 350.207

Previews

White Background



This preview shows how the CIELCh color 52, 11.748, 269.658 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 52, 11.748, 269.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

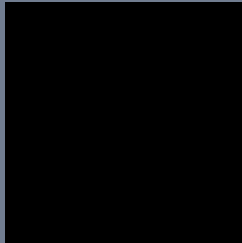
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

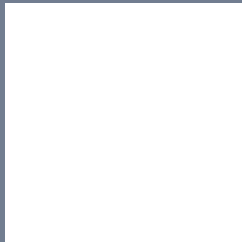
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 11.748, 269.658

Background



This preview shows how black text looks on a background with the CIELCh color 52, 11.748, 269.658.



This preview shows how white text looks on a background with the CIELCh color 52, 11.748, 269.658.

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

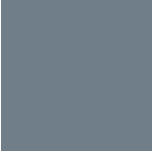
52, 11.748, 269.658

Protanopia

52, 11.652, 286.148

Deuteranopia

52, 14.123, 299.500



Tritanopia
52, 7.959, 246.085

Trichromacy



Original Color
52, 11.748, 269.658

Protanomaly
52, 11.270, 278.297

Deuteranomaly
52, 13.377, 290.272

Tritanomaly
52, 9.034, 256.033

Monochromacy



Original Color
52, 11.748, 269.658

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.470, 265.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 11.748, 269.658 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(113, 125, 144)` looks like.

```
.text, #text, p{  
    color:rgb(113, 125, 144)  
}
```

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(113, 125, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 125, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 11.748, 269.658 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(113, 125, 144) }
```

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

```
.border{ border-color:rgb(113, 125, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 125, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 125, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 125, 144);  
box-shadow:4px 4px 4px 4px rgb(113, 125,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 11.748, 269.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 125, 144) }
```

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

```
.background{ background-color: rgb(113,  
125, 144) }
```

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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