

Converting Colors

CIELCh(64, 11.709, 269.481)

Have a look what the booklet for
CIELCh(64, 11.709, 269.481)
contains.

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Color

CIELCh(64, 11.832, 270.220)

Conversions

Conversions Part 1

Format	Color
Hex	909CB0
RGB	144, 156, 176
RGB Percent	56%, 61%, 69%
CMY	0.4356, 0.3886, 0.3101
CMYK	0.18, 0.11, 0.00, 0.31
HSL	217°, 17%, 63%
HSV	217°, 18%, 69%
XYZ	31.1893, 32.8017, 45.7176
YIQ	154.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

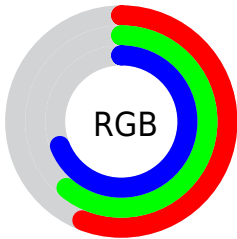
Format	Color
RYB	144, 153, 176
Decimal	9477296
CIELab	64.00, 0.05, -11.83
CIELCh	64, 11.832, 270.220
Yxy	32.8017, 0.2843, 0.2990
Android (android.graphics.Color)	4287667376 (0xFF909CB0)
YUV	154.6920, 10.5048, -9.3769
Hunter-Lab	57.2727, -3.0206, -7.2369

Details

The CIELCh color $64, 11.832, 270.220$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 11.986, 85.329$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 12.213, 271.571$, and $44, 11.539, 268.928$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.423, 271.950$, and if you desaturate by 10%, it is $68, 5.303, 268.749$.

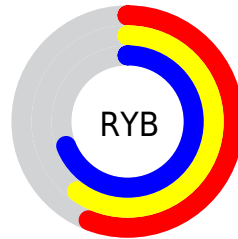
Distribution



Red (56%)

Green (61%)

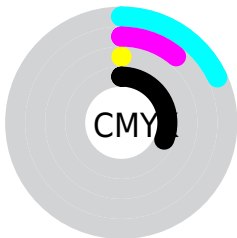
Blue (69%)



Red (56%)

Yellow (60%)

Blue (69%)

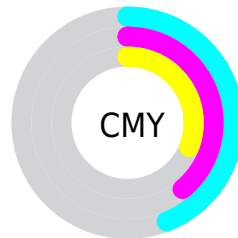


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (44%)


Magenta (39%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.832, 270.220 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 64, 11.832, 270.220 by changing the saturation by 10% instead.


 64, 11.832,
270.220


 64, 11.832,
270.220


 100, 11.832,
270.220


 54, 11.832,
270.220


 84, 11.832,
270.220

 44, 11.832,
270.220

 94, 11.832,
270.220

 34, 11.832,
270.220

 24, 11.832,
270.220

 14, 11.832,
270.220

 4, 11.832, 270.220

 0, 11.832, 270.220

64, 11.832,
270.220

64, 11.832,
270.220

60, 18.423,
271.950

68, 5.303, 268.749

55, 25.080,
273.986

73, 1.157, 87.209

77, 7.544, 86.282

51, 31.812,
276.367

81, 13.852, 85.335

47, 38.639,
279.127

85, 20.077, 84.497

90, 26.214, 83.758

43, 45.595,
282.280

93, 30.478, 91.257

39, 52.720,
285.789

96, 34.711,
100.274

36, 60.030,
289.548

98, 39.584,
107.078

32, 67.481,

293.323

■ 32, 68.842,
293.951

Harmonies

Complementary

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



64, 11.832, 270.220



68, 11.986, 85.329

Rectangle

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



64, 11.832, 270.220



64, 11.832, 320.220



64, 11.832, 90.220



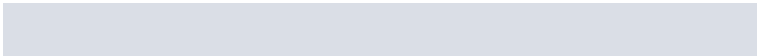
64, 11.832, 140.220

Sweetspot

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



64, 11.831, 270.215



88, 4.016, 268.360



69, 13.686, 168.805



47, 2.737, 268.442



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 11.831, 270.215



79, 17.798, 270.909



61, 18.121, 296.361



34, 3.625, 268.898



27, 60.541, 293.445



2, 8.199, 273.257

Inverse Universe

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



63, 14.147, 352.693



78, 21.363, 353.164



71, 17.404, 113.341



34, 4.292, 351.761



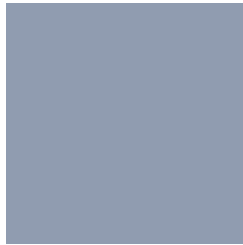
31, 57.385, 13.125



2, 8.582, 355.547

Previews

White Background



This preview shows how the CIELCh color 64, 11.832, 270.220 looks on a white 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

Black Background



This preview shows how the CIELCh color 64, 11.832, 270.220 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 ✓ Pass

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

CIELCh 64, 11.832, 270.220

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.832, 270.220.



This preview shows how white text looks on a background with the CIELCh color 64, 11.832, 270.220.

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

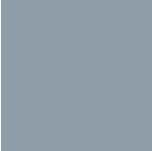
64, 11.832, 270.220

Protanopia

64, 11.725, 287.898

Deuteranopia

64, 14.944, 304.344



Tritanopia
64, 8.290, 253.174

Trichromacy



Original Color
64, 11.832, 270.220

Protanomaly
64, 11.311, 280.374

Deuteranomaly
64, 13.412, 293.144

Tritanomaly
64, 9.640, 259.620

Monochromacy



Original Color
64, 11.832, 270.220

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.681, 272.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.832, 270.220 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(144, 156, 176)` looks like.

```
.text, #text, p{  
    color:rgb(144, 156, 176)  
}
```

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(144, 156, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 156, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.832, 270.220 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(144, 156, 176) }
```

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

```
.border{ border-color:rgb(144, 156, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 156, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 156, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 156, 176);  
box-shadow:4px 4px 4px 4px rgb(144, 156,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.832, 270.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 156, 176) }
```

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

```
.background{ background-color: rgb(144,  
156, 176) }
```

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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