

Converting Colors

CIELCh(58, 12.082, 227.190)

Have a look what the booklet for
CIELCh(58, 12.082, 227.190)
contains.

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Color

CIELCh(58, 11.936, 227.166)

Conversions

Conversions Part 1

Format	Color
Hex	72909A
RGB	114, 144, 154
RGB Percent	45%, 56%, 60%
CMY	0.5519, 0.4343, 0.3951
CMYK	0.26, 0.06, 0.00, 0.40
HSL	195°, 17%, 53%
HSV	195°, 26%, 60%
XYZ	22.8393, 25.9610, 34.4931
YIQ	136.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

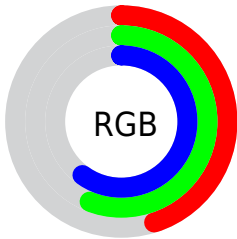
Format	Color
RYB	114, 131, 154
Decimal	7508122
CIELab	58.00, -8.12, -8.75
CIELCh	58, 11.936, 227.166
Yxy	25.9610, 0.2742, 0.3117
Android (android.graphics.Color)	4285698202 (0xFF72909A)
YUV	136.1700, 8.7902, -19.4431
Hunter-Lab	50.9519, -9.1528, -4.4714

Details

The CIELCh color $58, 11.936, 227.166$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 14.046, 44.472$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 11.788, 225.878$, and $38, 11.840, 226.312$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.995, 228.211$, and if you desaturate by 10%, it is $60, 7.542, 226.371$.

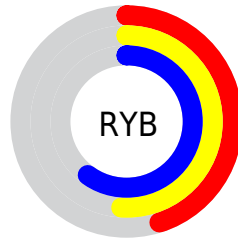
Distribution



Red (45%)

Green (56%)

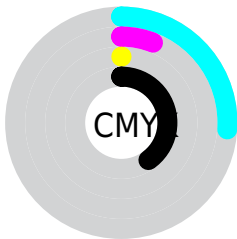
Blue (60%)



Red (45%)

Yellow (51%)

Blue (60%)

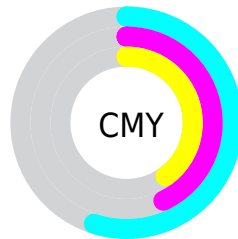


Cyan (26%)

Magenta (6%)

Yellow (0%)

Black (40%)



Cyan (55%)


Magenta (43%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 11.936, 227.166 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, 11.936, 227.166 by changing the saturation by 10% instead.


 58, 11.936,
227.166


 58, 11.936,
227.166


 100, 11.936,
227.166


 48, 11.936,
227.166


 78, 11.936,
227.166

 38, 11.936,
227.166

 88, 11.936,
227.166

 28, 11.936,
227.166

 98, 11.936,
227.166

 18, 11.936,
227.166

 8, 11.936, 227.166

 0, 11.936, 227.166

■ 58, 11.936,
227.166

■ 58, 11.936,
227.166

■ 56, 15.995,
228.211

■ 60, 7.542, 226.371

■ 54, 19.656,
229.580

■ 62, 2.876, 225.851

■ 65, 2.004, 45.024

■ 52, 22.860,
231.339

■ 67, 7.050, 44.843

■ 50, 25.564,
233.571

■ 69, 12.219, 44.628

■ 72, 17.475, 44.471

■ 49, 27.754,
236.364

■ 74, 22.791, 44.367

■ 47, 29.461,
239.790

■ 77, 28.143, 44.305

■ 79, 33.513, 44.276

■ 46, 30.786,
243.852

■ 45, 31.316,

245.528

Harmonies

Complementary

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



58, 11.936, 227.166



55, 14.046, 44.472

Rectangle

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



58, 11.936, 227.166



58, 11.936, 277.166



58, 11.936, 47.166



58, 11.936, 97.166

Sweetspot

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



58, 11.936, 227.160



79, 4.795, 225.932



60, 23.342, 149.830



42, 3.424, 225.998



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 11.936, 227.160



73, 17.412, 227.722



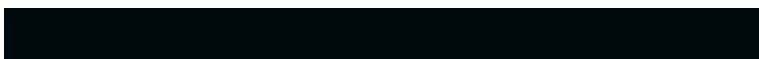
52, 17.308, 279.715



31, 2.701, 225.980



41, 29.150, 245.103



2, 2.970, 226.958

Inverse Universe

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



53, 23.207, 334.038



65, 34.450, 334.445



60, 17.082, 92.985



30, 4.989, 332.891



31, 61.413, 340.992



1, 5.308, 332.812

Previews

White Background



This preview shows how the CIELCh color 58, 11.936, 227.166 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 58, 11.936, 227.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

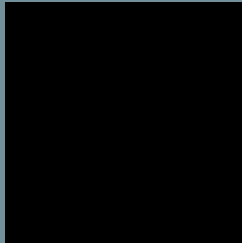
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

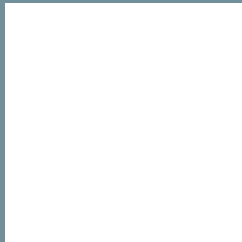
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 11.936, 227.166

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.936, 227.166.



This preview shows how white text looks on a background with the CIELCh color 58, 11.936, 227.166.

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, 11.936, 227.166

Protanopia

58, 6.833, 290.977

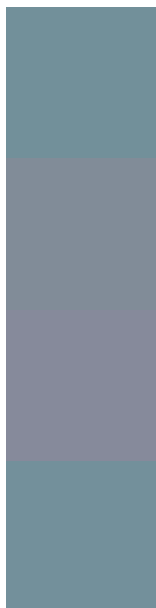
Deuteranopia

58, 12.597, 308.840



Tritanopia
58, 12.147, 232.982

Trichromacy



Original Color
58, 11.936, 227.166

Protanomaly
58, 7.859, 259.810

Deuteranomaly
58, 9.762, 282.600

Tritanomaly
58, 11.886, 230.526

Monochromacy



Original Color
58, 11.936, 227.166

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.710, 228.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 11.936, 227.166 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(114, 144, 154)` looks like.

```
.text, #text, p{  
    color:rgb(114, 144, 154)  
}
```

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(114, 144, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 144, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.936, 227.166 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(114, 144, 154) }
```

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

```
.border{ border-color:rgb(114, 144, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 144, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 144, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 144, 154);  
box-shadow:4px 4px 4px 4px rgb(114, 144,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.936, 227.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 144, 154) }
```

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

```
.background{ background-color: rgb(114,  
144, 154) }
```

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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