

Converting Colors

CIELCh(58, 11.742, 223.802)

Have a look what the booklet for
CIELCh(58, 11.742, 223.802)
contains.

CIELCh(58, 11.728, 224.556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 11.728, 224.556)

Conversions

Conversions Part 1

Format	Color
Hex	729099
RGB	114, 144, 153
RGB Percent	45%, 56%, 60%
CMY	0.5516, 0.4339, 0.3986
CMYK	0.25, 0.06, 0.00, 0.40
HSL	194°, 16%, 52%
HSV	194°, 25%, 60%
XYZ	22.7860, 25.9610, 34.0965
YIQ	136.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

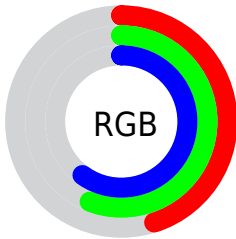
Format	Color
RYB	114, 131, 153
Decimal	7508121
CIELab	58.00, -8.36, -8.23
CIElCh	58, 11.728, 224.556
Yxy	25.9610, 0.2750, 0.3134
Android (android.graphics.Color)	4285698201 (0xFF729099)
YUV	136.0560, 8.3534, -19.3431
Hunter-Lab	50.9519, -9.3395, -4.0099

Details

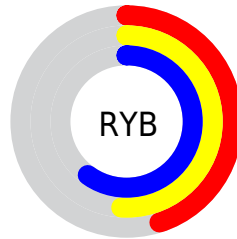
The CIELCh color $58, 11.728, 224.556$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 13.804, 42.409$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 11.593, 223.399$, and $38, 11.641, 223.393$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.786, 225.464$, and if you desaturate by 10%, it is $60, 7.326, 223.881$.

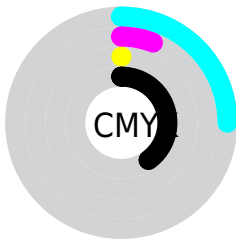
Distribution



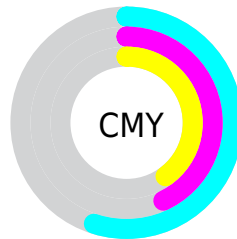
- Red (45%)
- Green (56%)
- Blue (60%)



- Red (45%)
- Yellow (51%)
- Blue (60%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)





- Cyan (55%)
- Magenta (43%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 11.728, 224.556 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, 11.728, 224.556 by changing the saturation by 10% instead.


 58, 11.728,
224.556


 58, 11.728,
224.556


 100, 11.728,
224.556


 48, 11.728,
224.556


 78, 11.728,
224.556

 38, 11.728,
224.556

 88, 11.728,
224.556

 28, 11.728,
224.556

 98, 11.728,
224.556

 18, 11.728,
224.556

 8, 11.728, 224.556

 0, 11.728, 224.556

■ 58, 11.728,
224.556

■ 58, 11.728,
224.556

■ 56, 15.786,
225.464

■ 60, 7.326, 223.881

■ 54, 19.433,
226.672

■ 62, 2.645, 223.477

■ 64, 2.257, 42.751

■ 52, 22.606,
228.244

■ 67, 7.327, 42.632

■ 51, 25.258,
230.259

■ 69, 12.522, 42.489

■ 71, 17.807, 42.400

■ 49, 27.367,
232.801

■ 74, 23.152, 42.358

■ 48, 28.957,
235.949

■ 76, 28.533, 42.353

■ 79, 33.933, 42.377

■ 47, 30.114,
239.729

■ 46, 30.615,

Harmonies

Complementary

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



58, 11.728, 224.556



54, 13.804, 42.409

Rectangle

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



58, 11.728, 224.556



58, 11.728, 274.556



58, 11.728, 44.556



58, 11.728, 94.556

Sweetspot

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



58, 11.728, 224.550



78, 4.777, 223.546



60, 23.070, 149.290



41, 3.375, 223.597



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 11.728, 224.550



72, 17.307, 225.082



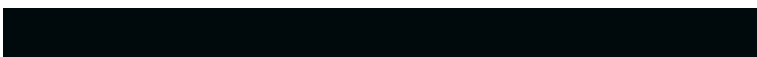
53, 16.552, 278.493



31, 2.718, 223.584



42, 28.641, 241.125



2, 2.988, 224.662

Inverse Universe

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



53, 22.959, 333.256



65, 34.550, 333.683



59, 16.410, 91.835



30, 5.058, 332.170



31, 62.243, 339.763



1, 5.381, 332.099

Previews

White Background



This preview shows how the CIELCh color 58, 11.728, 224.556 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, 11.728, 224.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

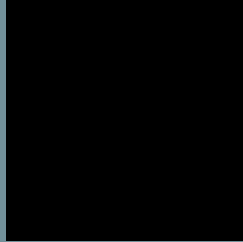
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

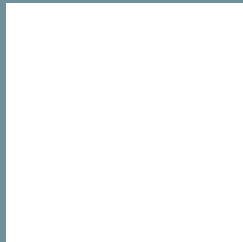
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 11.728, 224.556

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.728, 224.556.



This preview shows how white text looks on a background with the CIELCh color 58, 11.728, 224.556.

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, 11.728, 224.556

Protanopia

58, 6.265, 290.912

Deuteranopia

58, 12.057, 309.633



Tritanopia
58, 12.147, 232.982

Trichromacy



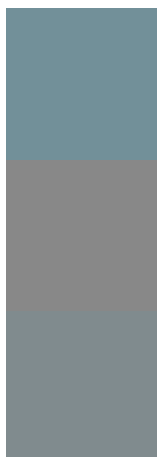
Original Color
58, 11.728, 224.556

Protanomaly
58, 7.386, 257.384

Deuteranomaly
58, 9.202, 281.972

Tritanomaly
58, 11.886, 230.526

Monochromacy



Original Color
58, 11.728, 224.556

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.486, 221.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 11.728, 224.556 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(114, 144, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 144, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.728, 224.556 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, 153) }
```

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

```
.border{ border-color:rgb(114, 144, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 144, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 144, 153);  
box-shadow:4px 4px 4px 4px rgb(114, 144,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.728, 224.556 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, 153) }
```

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

```
.background{ background-color: rgb(114,  
144, 153) }
```

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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