

Converting Colors

CIELCh(58, 13.379, 223.704)

Have a look what the booklet for
CIELCh(58, 13.379, 223.704)
contains.

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Color

CIELCh(58, 13.379, 223.704)

Conversions

Conversions Part 1

Format	Color
Hex	6E919B
RGB	110, 145, 155
RGB Percent	43%, 57%, 61%
CMY	0.5683, 0.4311, 0.3919
CMYK	0.29, 0.06, 0.00, 0.39
HSL	193°, 18%, 52%
HSV	193°, 29%, 61%
XYZ	22.4979, 25.9610, 34.8671
YIQ	135.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

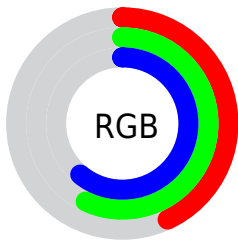
Format	Color
R_{YB}	110, 130, 155
Decimal	7246235
CIE _{Lab}	58.00, -9.67, -9.24
CIE _{LCh}	58, 13.379, 223.704
Yxy	25.9610, 0.2700, 0.3116
Android (android.graphics.Color)	4285436315 (0xFF6E919B)
YUV	135.6750, 9.5272, -22.5170
Hunter-Lab	50.9519, -10.3491, -4.9066

Details

The CIELCh color `58, 13.379, 223.704` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `54, 16.194, 41.480`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 13.238, 222.591`, and `38, 13.527, 222.347` is the 20% darker color. If you saturate the color by 10%, you get `56, 17.333, 224.655`, and if you desaturate by 10%, it is `60, 9.046, 222.996`.

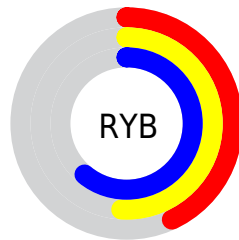
Distribution



Red (43%)

Green (57%)

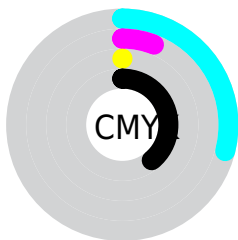
Blue (61%)



Red (43%)

Yellow (51%)

Blue (61%)

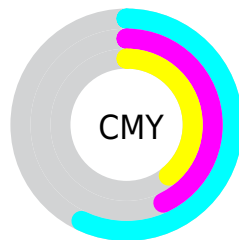


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (39%)



Cyan (57%)


Magenta (43%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 13.379, 223.704 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, 13.379, 223.704 by changing the saturation by 10% instead.


 58, 13.379,
223.704


 58, 13.379,
223.704


 100, 13.379,
223.704


 48, 13.379,
223.704


 78, 13.379,
223.704

 38, 13.379,
223.704

 88, 13.379,
223.704

 28, 13.379,
223.704

 98, 13.379,
223.704

 18, 13.379,
223.704

 8, 13.379, 223.704

 0, 13.379, 223.704

■ 58, 13.379,
223.704

■ 58, 13.379,
223.704

■ 56, 17.333,
224.655

■ 60, 9.046, 222.996

■ 54, 20.839,
225.919

■ 62, 4.403, 222.522

■ 64, 0.487, 41.135

■ 53, 23.838,
227.564

■ 66, 5.569, 41.712

■ 51, 26.286,
229.670

■ 69, 10.794, 41.587

■ 71, 16.123, 41.509

■ 50, 28.175,
232.321

■ 73, 21.524, 41.478

■ 48, 29.544,
235.587

■ 76, 26.970, 41.487

■ 78, 32.440, 41.525

■ 47, 30.564,
239.370

■ 47, 30.666,

239.737

Harmonies

Complementary

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



58, 13.379, 223.704



54, 16.194, 41.480

Rectangle

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



58, 13.379, 223.704



58, 13.379, 273.704



58, 13.379, 43.704



58, 13.379, 93.704

Sweetspot

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



58, 13.379, 223.699



79, 5.436, 222.527



60, 26.545, 148.969



42, 3.795, 222.577



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, 13.379, 223.699



72, 19.496, 224.304



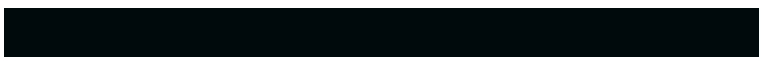
52, 19.128, 279.117



31, 2.728, 222.529



43, 28.457, 239.327



2, 2.997, 223.650

Inverse Universe

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



52, 26.579, 333.176



64, 39.563, 333.639



59, 18.935, 91.380



30, 5.089, 331.855



31, 62.623, 339.230



1, 5.414, 331.788

Previews

White Background



This preview shows how the CIELCh color 58, 13.379, 223.704 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, 13.379, 223.704 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, 13.379, 223.704

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.379, 223.704.

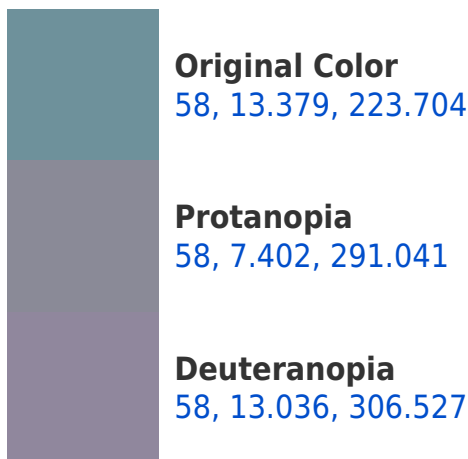


This preview shows how white text looks on a background with the CIELCh color 58, 13.379, 223.704.

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](#).

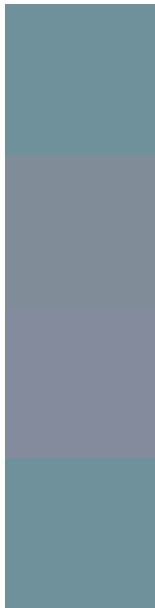
Dichromacy





Tritanopia
58, 13.573, 226.026

Trichromacy



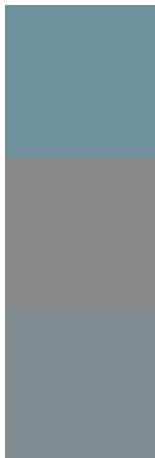
Original Color
58, 13.379, 223.704

Protanomaly
58, 7.783, 252.839

Deuteranomaly
58, 9.950, 276.336

Tritanomaly
58, 13.573, 226.026

Monochromacy



Original Color
58, 13.379, 223.704

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 5.037, 226.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.379, 223.704 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(110, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(110, 145, 155)  
}
```

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(110, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 145, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.379, 223.704 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(110, 145, 155) }
```

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

```
.border{ border-color:rgb(110, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(110, 145,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.379, 223.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 145, 155) }
```

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

```
.background{ background-color: rgb(110,  
145, 155) }
```

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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