

Converting Colors

CIELCh(58, 11.516, 246.887)

Have a look what the booklet for
CIELCh(58, 11.516, 246.887)
contains.

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Color

CIELCh(58, 11.628, 246.278)

Conversions

Conversions Part 1

Format	Color
Hex	788F9E
RGB	120, 143, 158
RGB Percent	47%, 56%, 62%
CMY	0.5308, 0.4406, 0.3818
CMYK	0.24, 0.10, 0.00, 0.38
HSL	204°, 16%, 54%
HSV	204°, 24%, 62%
XYZ	23.6053, 25.9610, 35.9495
YIQ	137.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

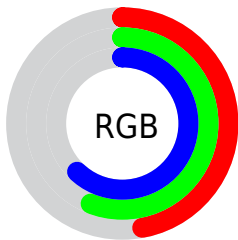
Format	Color
R_{YB}	120, 134, 158
Decimal	7901086
CIE _{Lab}	58.00, -4.68, -10.65
CIE _{LCh}	58, 11.628, 246.278
Yxy	25.9610, 0.2760, 0.3036
Android (android.graphics.Color)	4286091166 (0xFF788F9E)
YUV	137.8330, 9.9423, -15.6395
Hunter-Lab	50.9519, -6.4693, -6.1662

Details

The CIELCh color `58, 11.628, 246.278` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `58, 12.924, 60.885`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 11.703, 246.230`, and `38, 11.826, 245.677` is the 20% darker color. If you saturate the color by 10%, you get `55, 16.151, 247.982`, and if you desaturate by 10%, it is `61, 6.911, 244.881`.

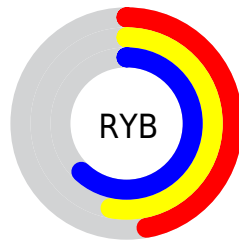
Distribution



Red (47%)

Green (56%)

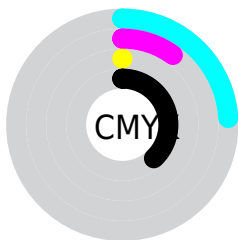
Blue (62%)



Red (47%)

Yellow (53%)

Blue (62%)

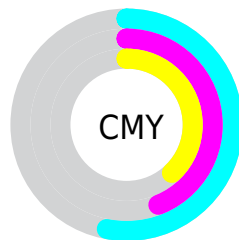


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (38%)



Cyan (53%)


Magenta (44%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 11.628, 246.278 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, 11.628, 246.278 by changing the saturation by 10% instead.


 58, 11.628,
246.278


 58, 11.628,
246.278


 100, 11.628,
246.278


 48, 11.628,
246.278


 78, 11.628,
246.278

 38, 11.628,
246.278

 88, 11.628,
246.278

 28, 11.628,
246.278

 98, 11.628,
246.278

 18, 11.628,
246.278

 8, 11.628, 246.278

 0, 11.628, 246.278

■ 58, 11.628,
246.278

■ 58, 11.628,
246.278

■ 55, 16.151,
247.982

■ 61, 6.911, 244.881

■ 52, 20.445,
250.068

■ 64, 2.038, 243.845

■ 67, 2.954, 62.567

■ 50, 24.482,
252.602

■ 70, 8.035, 61.840

■ 47, 28.250,
255.655

■ 73, 13.177, 61.181

■ 76, 18.358, 60.616

■ 45, 31.770,
259.277

■ 79, 23.558, 60.131

■ 43, 35.099,
263.477

■ 82, 28.763, 59.713

■ 84, 31.880, 62.326

■ 40, 38.337,
268.179

■ 39, 40.305,

270.928

Harmonies

Complementary

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



58, 11.628, 246.278



58, 12.924, 60.885

Rectangle

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



58, 11.628, 246.278



58, 11.628, 296.278



58, 11.628, 66.278



58, 11.628, 116.278

Sweetspot

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



58, 11.627, 246.272



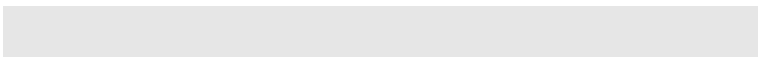
80, 4.275, 244.098



62, 19.706, 155.930



42, 2.769, 244.150



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, 11.627, 246.272



72, 17.096, 247.161



53, 19.470, 287.958



32, 2.798, 244.316



35, 37.248, 270.457



2, 3.752, 246.999

Inverse Universe

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



55, 19.866, 340.246



67, 29.529, 340.731



63, 18.696, 102.448



31, 4.625, 339.021



31, 57.100, 351.754



1, 5.866, 339.857

Previews

White Background



This preview shows how the CIELCh color 58, 11.628, 246.278 looks on a white background.

Color Contrast Check

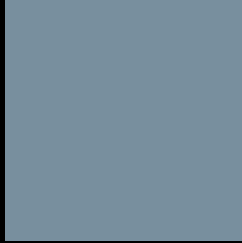
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.628, 246.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

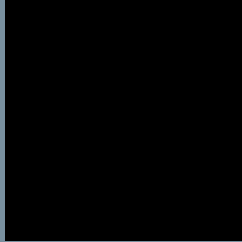
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

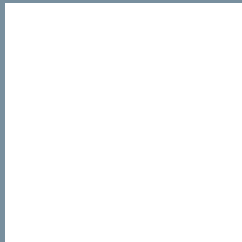
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 11.628, 246.278

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.628, 246.278.



This preview shows how white text looks on a background with the CIELCh color 58, 11.628, 246.278.

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, 11.628, 246.278

Protanopia

58, 9.678, 289.102

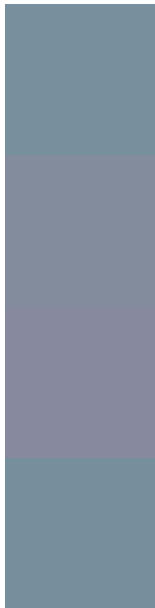
Deuteranopia

58, 13.400, 302.824



Tritanopia
58, 10.817, 238.091

Trichromacy



Original Color
58, 11.628, 246.278

Protanomaly
58, 9.599, 271.131

Deuteranomaly
58, 11.981, 286.310

Tritanomaly
58, 11.146, 240.557

Monochromacy



Original Color
58, 11.628, 246.278

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.522, 248.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 11.628, 246.278 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(120, 143, 158)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 158)  
}
```

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(120, 143, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.628, 246.278 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(120, 143, 158) }
```

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

```
.border{ border-color:rgb(120, 143, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 143, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 143, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 143, 158);  
box-shadow:4px 4px 4px 4px rgb(120, 143,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.628, 246.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 158) }
```

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

```
.background{ background-color: rgb(120,  
143, 158) }
```

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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