

Converting Colors

CIELCh(61, 23.752, 212.656)

Have a look what the booklet for
CIELCh(61, 23.752, 212.656)
contains.

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Color

CIELCh(61, 23.728, 212.788)

Conversions

Conversions Part 1

Format	Color
Hex	549EA9
RGB	84, 158, 169
RGB Percent	33%, 62%, 66%
CMY	0.6701, 0.3800, 0.3368
CMYK	0.50, 0.07, 0.00, 0.34
HSL	188°, 34%, 50%
HSV	188°, 50%, 66%
XYZ	23.0823, 29.2481, 42.0172
YIQ	137.1280, -47.6350, -12.2670

Conversions

Conversions Part 2

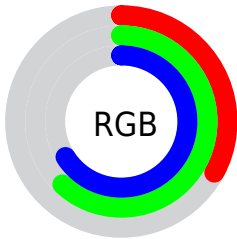
Format	Color
RYB	84, 124, 169
Decimal	5545641
CIELab	61.00, -19.95, -12.85
CIElCh	61, 23.728, 212.788
Yxy	29.2481, 0.2447, 0.3100
Android (android.graphics.Color)	4283735721 (0xFF549EA9)
YUV	137.1280, 15.7129, -46.5933
Hunter-Lab	54.0815, -18.4580, -8.2066

Details

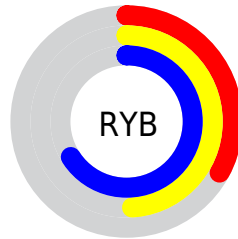
The CIELCh color **61, 23.728, 212.788** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 34.808, 34.005**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 23.851, 212.166**, and **41, 23.626, 213.560** is the 20% darker color. If you saturate the color by 10%, you get **60, 26.816, 213.584**, and if you desaturate by 10%, it is **62, 19.987, 212.234**.

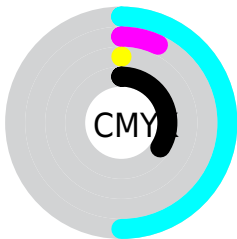
Distribution



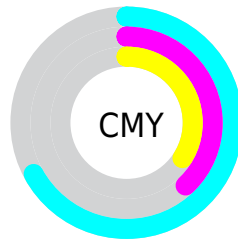
- Red (33%)
- Green (62%)
- Blue (66%)



- Red (33%)
- Yellow (49%)
- Blue (66%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)





- Cyan (67%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.728, 212.788 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 61, 23.728, 212.788 by changing the saturation by 10% instead.


 61, 23.728,
212.788


 61, 23.728,
212.788


 100, 23.728,
212.788


 51, 23.728,
212.788


 81, 23.728,
212.788

 41, 23.728,
212.788

 91, 23.728,
212.788

 31, 23.728,
212.788

 21, 23.728,
212.788

 11, 23.728,
212.788

 1, 23.728, 212.788

 0, 23.728, 212.788

61, 23.728,
212.788

61, 23.728,
212.788

60, 26.816,
213.584

62, 19.987,
212.234

59, 29.196,
214.679

64, 15.672,
211.886

58, 30.849,
216.121

66, 10.869,
211.707

57, 31.804,
217.963

67, 5.667, 211.684

56, 32.254,
220.085

69, 0.148, 214.950

71, 5.615, 31.665

73, 11.557, 31.887

75, 17.627, 32.124

78, 23.781, 32.386

Harmonies

Complementary

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



61, 23.728, 212.788



49, 34.808, 34.005

Rectangle

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



61, 23.728, 212.788



61, 23.728, 262.788



61, 23.728, 32.788



61, 23.728, 82.788

Sweetspot

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



61, 23.728, 212.786



84, 10.095, 211.674



63, 52.132, 143.547



44, 6.836, 211.683



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 23.728, 212.786



76, 32.817, 213.661



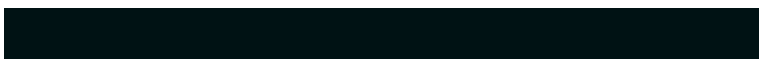
49, 31.800, 276.175



35, 3.121, 211.692



49, 29.247, 219.791



4, 5.655, 216.552

Inverse Universe

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



49, 51.401, 331.166



58, 73.515, 331.806



59, 33.138, 80.270



33, 5.881, 328.693



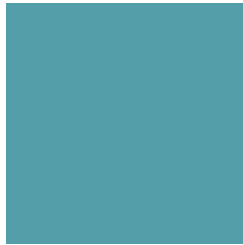
34, 69.692, 334.041



2, 10.339, 329.643

Previews

White Background



This preview shows how the CIELCh color 61, 23.728, 212.788 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 61, 23.728, 212.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

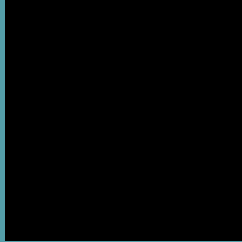
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.728, 212.788

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.728, 212.788.



This preview shows how white text looks on a background with the CIELCh color 61, 23.728, 212.788.

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

61, 23.728, 212.788

Protanopia

61, 9.027, 291.189

Deuteranopia

61, 16.507, 298.246



Tritanopia
61, 23.616, 215.796

Trichromacy



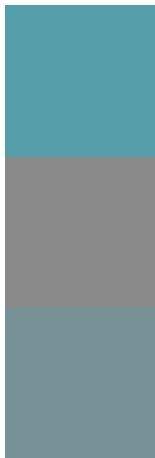
Original Color
61, 23.728, 212.788

Protanomaly
61, 12.165, 239.429

Deuteranomaly
60, 14.984, 259.454

Tritanomaly
61, 23.551, 214.380

Monochromacy



Original Color
61, 23.728, 212.788

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 10.058, 211.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.728, 212.788 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(84, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(84, 158, 169)  
}
```

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(84, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 158, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.728, 212.788 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(84, 158, 169) }
```

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

```
.border{ border-color:rgb(84, 158, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(84, 158,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.728, 212.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 158, 169) }
```

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

```
.background{ background-color: rgb(84, 158,  
169) }
```

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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