

Converting Colors

CIELCh(61, 24.163, 219.638)

Have a look what the booklet for
CIELCh(61, 24.163, 219.638)
contains.

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Color

CIELCh(61, 24.316, 219.546)

Conversions

Conversions Part 1

Format	Color
Hex	539EAE
RGB	83, 158, 174
RGB Percent	33%, 62%, 68%
CMY	0.6755, 0.3813, 0.3186
CMYK	0.52, 0.09, 0.00, 0.32
HSL	191°, 36%, 50%
HSV	191°, 52%, 68%
XYZ	23.3491, 29.2481, 44.3375
YIQ	137.3990, -49.8360, -10.9240

Conversions

Conversions Part 2

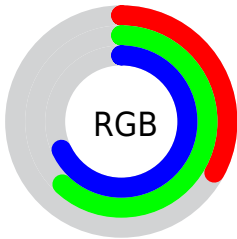
Format	Color
R_{YB}	83, 124, 174
Decimal	5480110
CIE _{Lab}	61.00, -18.75, -15.48
CIE _{LCh}	61, 24.316, 219.546
Yxy	29.2481, 0.2409, 0.3017
Android (android.graphics.Color)	4283670190 (0xFF539EAE)
YUV	137.3990, 18.0443, -47.7079
Hunter-Lab	54.0815, -17.5774, -10.7504

Details

The CIELCh color **61, 24.316, 219.546** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 36.255, 37.918**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 24.252, 218.619**, and **41, 24.281, 220.930** is the 20% darker color. If you saturate the color by 10%, you get **59, 27.301, 220.891**, and if you desaturate by 10%, it is **63, 20.690, 218.538**.

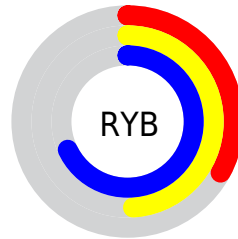
Distribution



Red (33%)

Green (62%)

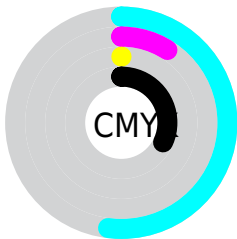
Blue (68%)



Red (33%)

Yellow (49%)

Blue (68%)

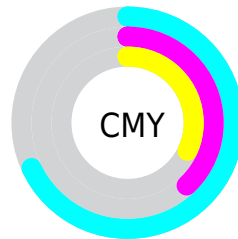


Cyan (52%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (68%)

Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 24.316, 219.546 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, 24.316, 219.546 by changing the saturation by 10% instead.


 61, 24.316,
219.546


 61, 24.316,
219.546


 100, 24.316,
219.546


 51, 24.316,
219.546


 81, 24.316,
219.546

 41, 24.316,
219.546


 91, 24.316,
219.546

 31, 24.316,
219.546

 21, 24.316,
219.546

 11, 24.316,
219.546

 1, 24.316, 219.546

 0, 24.316, 219.546

61, 24.316,
219.546

61, 24.316,
219.546

59, 27.301,
220.891

63, 20.690,
218.538

58, 29.603,
222.651

64, 16.495,
217.811

57, 31.217,
224.896

66, 11.813,
217.310

56, 32.197,
227.690

68, 6.730, 217.005

55, 32.687,
230.094

70, 1.324, 217.105

73, 4.332, 36.525

75, 10.176, 36.581

77, 16.157, 36.652

80, 22.232, 36.761

Harmonies

Complementary

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



61, 24.316, 219.546



50, 36.255, 37.918

Rectangle

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



61, 24.316, 219.546



61, 24.316, 269.546



61, 24.316, 39.546



61, 24.316, 89.546

Sweetspot

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



61, 24.316, 219.544



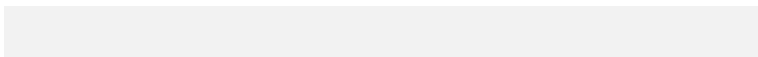
86, 10.695, 217.101



64, 53.425, 144.780



46, 7.236, 217.163



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 24.316, 219.544



76, 33.882, 221.167



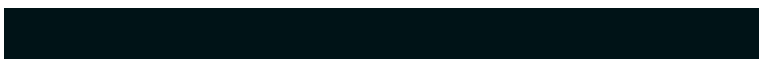
48, 36.360, 280.730



36, 3.098, 216.954



48, 29.390, 229.656



5, 6.487, 224.478

Inverse Universe

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



49, 52.811, 333.027



59, 76.016, 333.835



61, 36.483, 84.255



34, 5.835, 330.226



34, 68.128, 336.555



2, 11.689, 332.042

Previews

White Background



This preview shows how the CIELCh color 61, 24.316, 219.546 looks on a white background.

Color Contrast Check

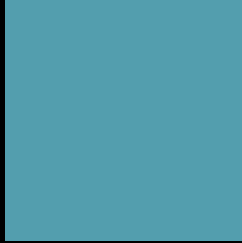
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.316, 219.546 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, 24.316, 219.546

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.316, 219.546.



This preview shows how white text looks on a background with the CIELCh color 61, 24.316, 219.546.

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, 24.316, 219.546

Protanopia

61, 11.854, 287.979

Deuteranopia

61, 19.226, 294.397



Tritanopia
61, 24.280, 215.232

Trichromacy



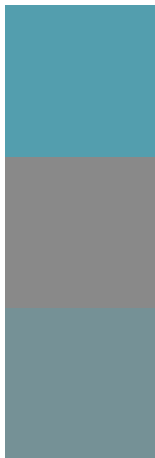
Original Color
61, 24.316, 219.546

Protanomaly
61, 14.401, 247.148

Deuteranomaly
60, 17.786, 262.211

Tritanomaly
61, 24.350, 216.607

Monochromacy



Original Color
61, 24.316, 219.546

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 10.482, 214.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.316, 219.546 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(83, 158, 174)` looks like.

```
.text, #text, p{  
    color:rgb(83, 158, 174)  
}
```

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(83, 158, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 158, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.316, 219.546 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(83, 158, 174) }
```

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

```
.border{ border-color:rgb(83, 158, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 158, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(83, 158,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.316, 219.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 158, 174) }
```

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

```
.background{ background-color: rgb(83, 158,  
174) }
```

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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