

Converting Colors

CIELCh(61, 23.413, 135.288)

Have a look what the booklet for
CIELCh(61, 23.413, 135.288)
contains.

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Color

CIELCh(61, 23.362, 135.566)

Conversions

Conversions Part 1

Format	Color
Hex	809B76
RGB	128, 155, 118
RGB Percent	50%, 61%, 46%
CMY	0.4988, 0.3930, 0.5380
CMYK	0.17, 0.00, 0.24, 0.39
HSL	104°, 16%, 53%
HSV	104°, 24%, 61%
XYZ	23.8149, 29.2481, 21.4667
YIQ	142.7090, -4.2150, -17.2310

Conversions

Conversions Part 2

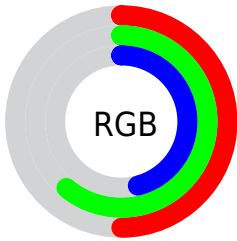
Format	Color
R_{YB}	118, 155, 145
Decimal	8428406
CIE _{Lab}	61.00, -16.68, 16.36
CIE _{LCh}	61, 23.362, 135.566
Yxy	29.2481, 0.3195, 0.3924
Android (android.graphics.Color)	4286618486 (0xFF809B76)
YUV	142.7090, -12.1815, -12.8998
Hunter-Lab	54.0815, -16.0401, 14.3230

Details

The CIELCh color $61, 23.362, 135.566$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $53, 23.728, 317.667$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.827, 135.650$, and $41, 23.818, 135.493$ is the 20% darker color. If you saturate the color by 10%, you get $60, 33.091, 135.020$, and if you desaturate by 10%, it is $62, 13.560, 136.072$.

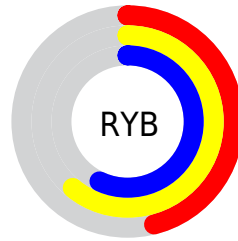
Distribution



Red (50%)

Green (61%)

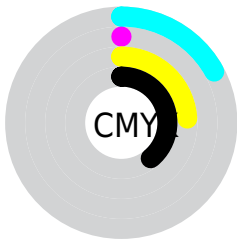
Blue (46%)



Red (46%)

Yellow (61%)

Blue (57%)

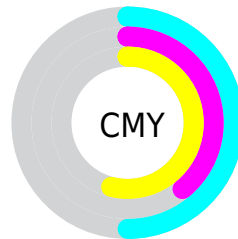


Cyan (17%)

Magenta (0%)

Yellow (24%)

Black (39%)



Cyan (50%)


Magenta (39%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.362, 135.566 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, 23.362, 135.566 by changing the saturation by 10% instead.

 61, 23.362,
135.566


 61, 23.362,
135.566


 100, 23.362,
135.566


 51, 23.362,
135.566

 81, 23.362,
135.566

 41, 23.362,
135.566

 91, 23.362,
135.566

 31, 23.362,
135.566

 21, 23.362,
135.566

 11, 23.362,
135.566

 1, 23.362, 135.566

 0, 23.362, 135.566

61, 23.362,
135.566

61, 23.362,
135.566

60, 33.091,
135.020

62, 13.560,
136.072

59, 42.602,
134.446

63, 3.781, 136.550

58, 51.705,
133.878

65, 5.900, 316.878

66, 15.431,
317.241

58, 60.138,
133.377

68, 24.778,
317.545

57, 67.558,
133.032

69, 33.918,
317.805

56, 73.563,
132.964


71, 42.839,
318.029

56, 77.799,
133.280

73, 51.535,
318.220

56, 79.822,

133.502

 74, 59.027,
318.843

Harmonies

Complementary

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



61, 23.362, 135.566



53, 23.728, 317.667

Rectangle

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



61, 23.362, 135.566



61, 23.362, 185.566



61, 23.362, 315.566



61, 23.362, 5.566

Sweetspot

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



61, 23.363, 135.567



80, 8.437, 136.392



60, 15.518, 92.025



42, 5.528, 136.367



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 23.363, 135.567



77, 35.127, 135.261



61, 21.839, 149.421



32, 5.451, 136.294



51, 74.176, 133.397



3, 5.889, 136.811

Inverse Universe

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



53, 23.728, 317.667



65, 35.801, 317.909



54, 21.946, 332.620



30, 5.490, 317.032



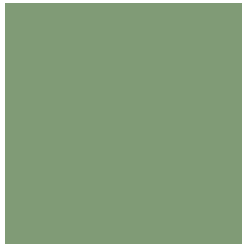
26, 76.260, 318.516



1, 5.862, 316.285

Previews

White Background



This preview shows how the CIELCh color 61, 23.362, 135.566 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, 23.362, 135.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

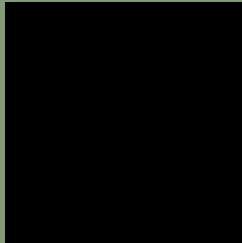
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.362, 135.566

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.362, 135.566.



This preview shows how white text looks on a background with the CIELCh color 61, 23.362, 135.566.

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](#).

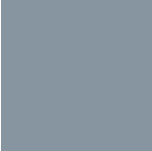
Dichromacy



Original Color
61, 23.362, 135.566

Protanopia
61, 18.918, 95.169

Deuteranopia
61, 16.732, 61.941



Tritanopia
61, 8.359, 253.276

Trichromacy



Original Color
61, 23.362, 135.566

Protanomaly
61, 19.561, 112.858

Deuteranomaly
61, 15.040, 94.072

Tritanomaly
61, 8.025, 173.782

Monochromacy



Original Color
61, 23.362, 135.566

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.349, 137.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.362, 135.566 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(128, 155, 118)` looks like.

```
.text, #text, p{  
    color:rgb(128, 155, 118)  
}
```

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(128, 155, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 155, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.362, 135.566 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(128, 155, 118) }
```

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

```
.border{ border-color:rgb(128, 155, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 155, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 155, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 155, 118);  
box-shadow:4px 4px 4px 4px rgb(128, 155,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.362, 135.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 155, 118) }
```

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

```
.background{ background-color: rgb(128,  
155, 118) }
```

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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