

Converting Colors

CIELCh(61, 20.394, 50.198)

Have a look what the booklet for
CIELCh(61, 20.394, 50.198) contains.

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Color

CIELCh(61, 20.359, 50.206)

Conversions

Conversions Part 1

Format	Color
Hex	B38A78
RGB	179, 138, 120
RGB Percent	70%, 54%, 47%
CMY	0.2968, 0.4576, 0.5283
CMYK	0.00, 0.23, 0.33, 0.30
HSL	18°, 28%, 59%
HSV	18°, 33%, 70%
XYZ	31.2040, 29.2481, 21.8633
YIQ	148.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

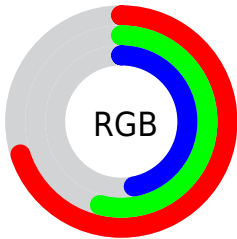
Format	Color
R_{YB}	179, 146, 120
Decimal	11766392
CIE _{Lab}	61.00, 13.03, 15.64
CIE _{LCh}	61, 20.359, 50.206
Yxy	29.2481, 0.3791, 0.3553
Android (android.graphics.Color)	4289956472 (0xFFB38A78)
YUV	148.2070, -13.9061, 27.0055
Hunter-Lab	54.0815, 8.3482, 13.8882

Details

The CIELCh color $61, 20.359, 50.206$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $64, 16.725, 235.613$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 20.511, 51.294$, and $41, 20.535, 50.839$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.582, 49.799$, and if you desaturate by 10%, it is $65, 13.642, 50.719$.

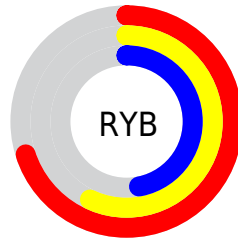
Distribution



Red (70%)

Green (54%)

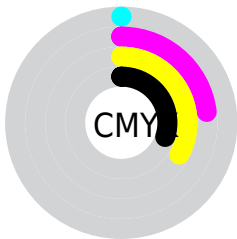
Blue (47%)



Red (70%)

Yellow (57%)

Blue (47%)

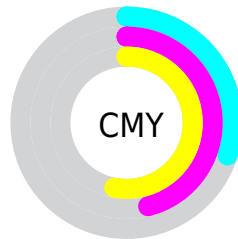


Cyan (0%)

Magenta (23%)

Yellow (33%)

Black (30%)



Cyan (30%)

Magenta (46%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 20.359, 50.206 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, 20.359, 50.206 by changing the saturation by 10% instead.

61, 20.359, 50.206

61, 20.359, 50.206

100, 20.359,
50.206

51, 20.359, 50.206

81, 20.359, 50.206

41, 20.359, 50.206

91, 20.359, 50.206

31, 20.359, 50.206

21, 20.359, 50.206

11, 20.359, 50.206

1, 20.359, 50.206

0, 20.359, 50.206

61, 20.359, 50.206

61, 20.359, 50.206

58, 27.582, 49.799

65, 13.642, 50.719

54, 35.313, 49.497

68, 7.405, 51.285

51, 43.497, 49.304

72, 1.610, 51.711

48, 51.969, 49.177

76, 3.789, 232.811

45, 60.336, 48.967

80, 8.836, 233.454

43, 67.754, 48.314

83, 13.572,
234.160

42, 72.335, 47.748

87, 18.035,
234.877

91, 20.371,
224.189

94, 22.753,
203.982

Harmonies

Complementary

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



61, 20.359, 50.206



64, 16.725, 235.613

Rectangle

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



61, 20.359, 50.206



61, 20.359, 100.206



61, 20.359, 230.206



61, 20.359, 280.206

Sweetspot

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



61, 20.358, 50.213



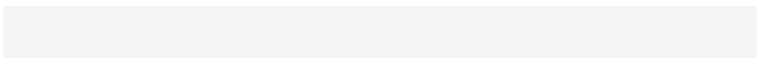
87, 6.998, 51.441



58, 32.138, 336.661



46, 4.838, 51.363



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 20.358, 50.213



74, 31.429, 49.883



69, 26.164, 96.589



36, 3.192, 51.488



36, 64.046, 48.175



3, 7.631, 43.678

Inverse Universe

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



64, 16.725, 235.613



79, 24.446, 236.864



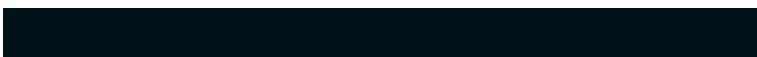
56, 27.197, 285.106



36, 3.040, 232.995



42, 33.481, 256.251



4, 7.612, 244.952

Previews

White Background



This preview shows how the CIELCh color 61, 20.359, 50.206 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 CIE LCh color 61, 20.359, 50.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

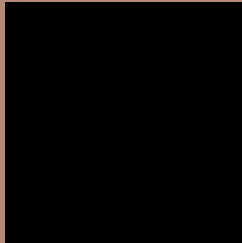
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.359, 50.206

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.359, 50.206.



This preview shows how white text looks on a background with the CIELCh color 61, 20.359, 50.206.

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, 20.359, 50.206

Protanopia

61, 12.747, 93.793

Deuteranopia

61, 17.534, 64.406



Tritanopia
61, 19.573, 5.015

Trichromacy



Original Color
61, 20.359, 50.206

Protanomaly
61, 14.495, 73.644

Deuteranomaly
61, 18.452, 59.585

Tritanomaly
61, 18.442, 21.293

Monochromacy



Original Color
61, 20.359, 50.206

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 6.886, 48.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.359, 50.206 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(179, 138, 120)` looks like.

```
.text, #text, p{  
    color:rgb(179, 138, 120)  
}
```

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(179, 138, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 138, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.359, 50.206 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(179, 138, 120) }
```

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

```
.border{ border-color:rgb(179, 138, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 138, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 138, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 138, 120);  
box-shadow:4px 4px 4px 4px rgb(179, 138,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.359, 50.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 138, 120) }
```

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

```
.background{ background-color: rgb(179,  
138, 120) }
```

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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