

Converting Colors

CIELCh(61, 20.191, 250.328)

Have a look what the booklet for
CIELCh(61, 20.191, 250.328)
contains.

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Color

CIELCh(61, 20.204, 250.370)

Conversions

Conversions Part 1

Format	Color
Hex	6F98B4
RGB	111, 152, 180
RGB Percent	44%, 60%, 71%
CMY	0.5636, 0.4029, 0.2930
CMYK	0.38, 0.16, 0.00, 0.29
HSL	204°, 32%, 57%
HSV	204°, 38%, 71%
XYZ	26.1286, 29.2481, 47.5977
YIQ	142.9330, -33.4240, 0.0160

Conversions

Conversions Part 2

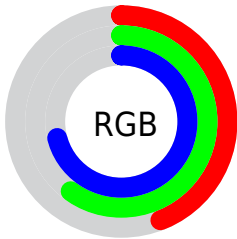
Format	Color
RYB	111, 137, 180
Decimal	7313588
CIELab	61.00, -6.79, -19.03
CIELCh	61, 20.204, 250.370
Yxy	29.2481, 0.2537, 0.2840
Android (android.graphics.Color)	4285503668 (0xFF6F98B4)
YUV	142.9330, 18.2740, -28.0052
Hunter-Lab	54.0815, -8.4035, -14.3246

Details

The CIELCh color `61, 20.204, 250.370` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `61, 24.021, 60.768`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 20.290, 250.982`, and `41, 20.166, 250.462` is the 20% darker color. If you saturate the color by 10%, you get `58, 24.943, 252.710`, and if you desaturate by 10%, it is `64, 15.206, 248.442`.

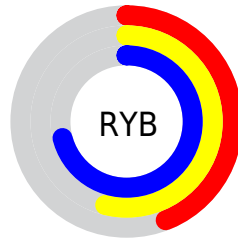
Distribution



Red (44%)

Green (60%)

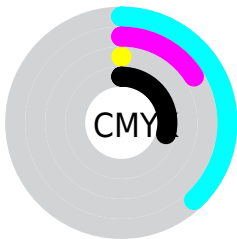
Blue (71%)



Red (44%)

Yellow (54%)

Blue (71%)

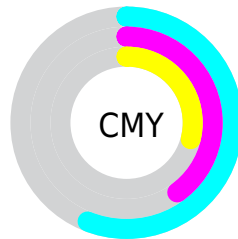


Cyan (38%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 20.204, 250.370 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, 20.204, 250.370 by changing the saturation by 10% instead.

■ 61, 20.204,
250.370

■ 61, 20.204,
250.370

■ 100, 20.204,
250.370

■ 51, 20.204,
250.370

■ 81, 20.204,
250.370

■ 41, 20.204,
250.370

■ 91, 20.204,
250.370

■ 31, 20.204,
250.370

■ 21, 20.204,
250.370

■ 11, 20.204,
250.370

■ 1, 20.204, 250.370

■ 0, 20.204, 250.370

61, 20.204,
250.370

61, 20.204,
250.370

58, 24.943,
252.710

64, 15.206,
248.442

55, 29.405,
255.542

67, 9.986, 246.866

52, 33.594,
258.926

71, 4.585, 245.603

74, 0.958, 64.002

49, 37.554,
262.892

77, 6.607, 63.459

47, 41.376,
267.404

81, 12.329, 62.727

84, 18.099, 62.094

44, 45.207,
272.254

88, 23.743, 61.865

44, 45.893,
273.053

89, 24.533, 72.413

Harmonies

Complementary

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



61, 20.204, 250.370



61, 24.021, 60.768

Rectangle

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



61, 20.204, 250.370



61, 20.204, 300.370



61, 20.204, 70.370



61, 20.204, 120.370

Sweetspot

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



61, 20.203, 250.368



88, 7.519, 245.936



68, 34.187, 155.157



46, 5.039, 246.098



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, 20.203, 250.368



75, 29.539, 252.331



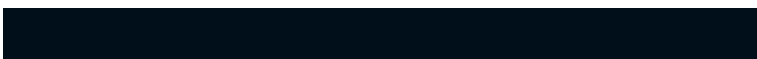
51, 36.131, 291.133



36, 3.108, 245.718



37, 40.240, 272.348



4, 8.126, 257.276

Inverse Universe

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



56, 34.914, 342.177



67, 51.537, 343.103



70, 33.494, 101.769



35, 5.074, 339.566



33, 59.684, 352.897



2, 11.256, 344.597

Previews

White Background



This preview shows how the CIELCh color 61, 20.204, 250.370 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, 20.204, 250.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

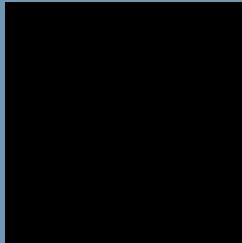
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

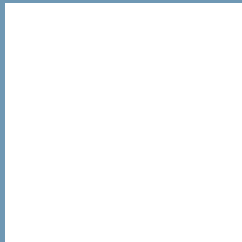
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 20.204, 250.370

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.204, 250.370.



This preview shows how white text looks on a background with the CIELCh color 61, 20.204, 250.370.

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





Tritanopia
61, 17.011, 221.707

Trichromacy



Original Color
61, 20.204, 250.370

Protanomaly
61, 17.785, 271.733

Deuteranomaly
61, 19.734, 276.279

Tritanomaly
61, 17.740, 233.407

Monochromacy



Original Color
61, 20.204, 250.370

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.183, 248.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.204, 250.370 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(111, 152, 180)` looks like.

```
.text, #text, p{  
    color:rgb(111, 152, 180)  
}
```

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(111, 152, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 152, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.204, 250.370 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(111, 152, 180) }
```

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

```
.border{ border-color:rgb(111, 152, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 152, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 152, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 152, 180);  
box-shadow:4px 4px 4px 4px rgb(111, 152,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.204, 250.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 152, 180) }
```

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

```
.background{ background-color: rgb(111,  
152, 180) }
```

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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