

Converting Colors

CIELCh(62, 31.648, 347.908)

Have a look what the booklet for
CIELCh(62, 31.648, 347.908)
contains.

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Color

CIELCh(62, 31.116, 348.193)

Conversions

Conversions Part 1

Format	Color
Hex	C582A2
RGB	197, 130, 162
RGB Percent	77%, 51%, 64%
CMY	0.2278, 0.4905, 0.3651
CMYK	0.00, 0.34, 0.18, 0.23
HSL	331°, 37%, 64%
HSV	331°, 34%, 77%
XYZ	37.4831, 30.4025, 38.0309
YIQ	153.6810, 29.6600, 24.1560

Conversions

Conversions Part 2

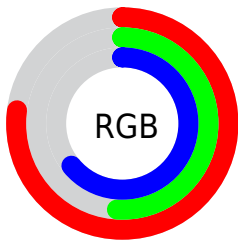
Format	Color
R_{YB}	197, 130, 162
Decimal	12944034
CIE _{Lab}	62.00, 30.46, -6.37
CIE _{LCh}	62, 31.116, 348.193
Yxy	30.4025, 0.3539, 0.2870
Android (android.graphics.Color)	4291134114 (0xFFC582A2)
YUV	153.6810, 4.1013, 37.9908
Hunter-Lab	55.1385, 24.8517, -2.2974

Details

The CIELCh color $62, 31.116, 348.193$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 29.707, 161.615$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 31.116, 348.282$, and $42, 31.249, 348.510$ is the 20% darker color. If you saturate the color by 10%, you get $57, 40.147, 349.497$, and if you desaturate by 10%, it is $67, 21.867, 347.065$.

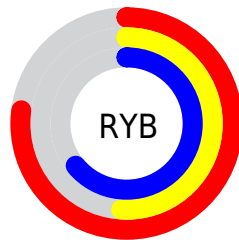
Distribution



Red (77%)

Green (51%)

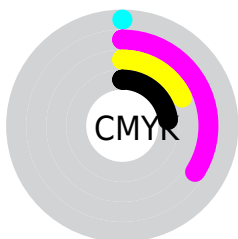
Blue (64%)



Red (77%)

Yellow (51%)

Blue (64%)

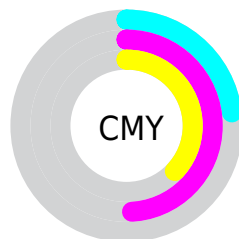


Cyan (0%)

Magenta (34%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 31.116, 348.193 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 62, 31.116, 348.193 by changing the saturation by 10% instead.


 62, 31.116,
348.193


 62, 31.116,
348.193


 100, 31.116,
348.193


 52, 31.116,
348.193


 82, 31.116,
348.193

 42, 31.116,
348.193


 92, 31.116,
348.193

 32, 31.116,
348.193

 22, 31.116,
348.193

 12, 31.116,
348.193

 2, 31.116, 348.193

 0, 31.116, 348.193

62, 31.116,
348.193

62, 31.116,
348.193

57, 40.147,
349.497

67, 21.867,
347.065

53, 48.631,
351.038

72, 12.640,
346.061

49, 56.136,
352.905

77, 3.581, 345.094

46, 62.192,
355.226

83, 5.225, 164.485

44, 66.420,
358.155

88, 13.736,
163.706

43, 68.719, 1.858

94, 21.941,
163.025

42, 69.555, 4.360

96, 22.748,
169.556

96, 20.337,
182.271

■ 96, 19.071,
197.437

Harmonies

Complementary

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



62, 31.116, 348.193



74, 29.707, 161.615

Rectangle

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



62, 31.116, 348.193



62, 31.116, 38.193



62, 31.116, 168.193



62, 31.116, 218.193

Sweetspot

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



62, 31.113, 348.194



93, 11.068, 345.695



60, 39.785, 311.282



49, 7.565, 345.829



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 31.113, 348.194



74, 46.193, 349.167



61, 27.554, 23.597



39, 5.125, 345.623



35, 60.551, 3.677



4, 17.647, 354.341

Inverse Universe

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



62, 31.113, 348.194



74, 46.193, 349.167



75, 21.734, 199.393



39, 5.125, 345.623



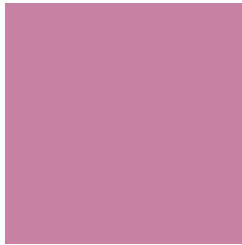
35, 60.551, 3.677



4, 17.647, 354.341

Previews

White Background



This preview shows how the CIELCh color 62, 31.116, 348.193 looks on a white background.

Color Contrast Check

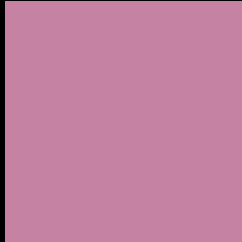
Large Text (above 18pt) WCAG AA × Fail

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 62, 31.116, 348.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

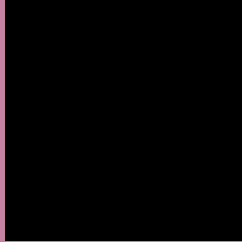
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 31.116, 348.193

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.116, 348.193.



This preview shows how white text looks on a background with the CIELCh color 62, 31.116, 348.193.

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
62, 25.584, 9.768

Trichromacy



Original Color
62, 31.116, 348.193

Protanomaly
62, 17.981, 320.169

Deuteranomaly
62, 17.220, 340.703

Tritanomaly
62, 27.159, 0.972

Monochromacy



Original Color
62, 31.116, 348.193

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 11.787, 345.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.116, 348.193 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(197, 130, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 130, 162)  
}
```

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(197, 130, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 130, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.116, 348.193 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(197, 130, 162) }
```

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

```
.border{ border-color:rgb(197, 130, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 130, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 130, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 130, 162);  
box-shadow:4px 4px 4px 4px rgb(197, 130,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.116, 348.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 130, 162) }
```

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

```
.background{ background-color: rgb(197,  
130, 162) }
```

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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