

Converting Colors

CIELCh(62, 31.030, 327.282)

Have a look what the booklet for
CIELCh(62, 31.030, 327.282)
contains.

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Color

CIELCh(62, 31.175, 327.024)

Conversions

Conversions Part 1

Format	Color
Hex	B686B4
RGB	182, 134, 180
RGB Percent	71%, 53%, 71%
CMY	0.2852, 0.4735, 0.2931
CMYK	0.00, 0.26, 0.01, 0.29
HSL	303°, 25%, 62%
HSV	303°, 26%, 71%
XYZ	36.1783, 30.4025, 47.2809
YIQ	153.5960, 13.8420, 24.4820

Conversions

Conversions Part 2

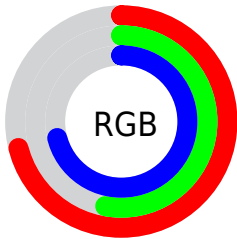
Format	Color
R _Y B	182, 134, 180
Decimal	11962036
CIE Lab	62.00, 26.15, -16.97
CIE LCh	62, 31.175, 327.024
Yxy	30.4025, 0.3177, 0.2670
Android (android.graphics.Color)	4290152116 (0xFFB686B4)
YUV	153.5960, 13.0172, 24.9103
Hunter-Lab	55.1385, 20.6276, -12.2439

Details

The CIELCh color $62, 31.175, 327.024$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 31.157, 143.794$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 30.925, 326.699$, and $42, 30.779, 326.858$ is the 20% darker color. If you saturate the color by 10%, you get $58, 42.780, 327.566$, and if you desaturate by 10%, it is $66, 19.322, 326.467$.

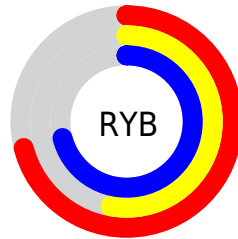
Distribution



Red (71%)

Green (53%)

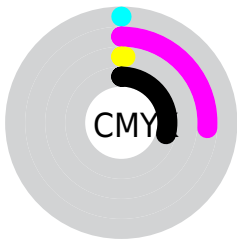
Blue (71%)



Red (71%)

Yellow (53%)

Blue (71%)

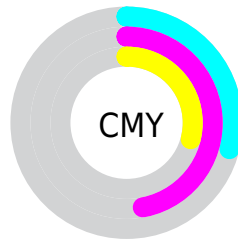


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 31.175, 327.024 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, 31.175, 327.024 by changing the saturation by 10% instead.


 62, 31.175,
327.024


 62, 31.175,
327.024


 100, 31.175,
327.024


 52, 31.175,
327.024


 82, 31.175,
327.024

 42, 31.175,
327.024


 92, 31.175,
327.024

 32, 31.175,
327.024

 22, 31.175,
327.024

 12, 31.175,
327.024

 2, 31.175, 327.024

 0, 31.175, 327.024

62, 31.175,
327.024

62, 31.175,
327.024

58, 42.780,
327.566

66, 19.322,
326.467

54, 53.824,
328.081

71, 7.460, 325.892

51, 63.898,
328.557

76, 4.253, 145.437

48, 72.543,
328.980

81, 15.719,
144.862

45, 79.316,
329.342

86, 26.880,
144.343

44, 83.906,
329.640

91, 37.707,
143.851

43, 86.299,
329.880

94, 44.178,
143.665

43, 86.923,

94, 43.861,
143.954

329.961

 94, 43.545,
144.247

Harmonies

Complementary

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



62, 31.175, 327.024



70, 31.157, 143.794

Rectangle

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



62, 31.175, 327.024



62, 31.175, 17.024



62, 31.175, 147.024



62, 31.175, 197.024

Sweetspot

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



62, 31.173, 327.024



89, 11.669, 325.998



58, 27.384, 294.405



47, 8.368, 326.086



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 31.173, 327.024



76, 46.789, 327.363



61, 22.406, 347.939



36, 6.717, 326.068



36, 77.353, 329.939



3, 18.044, 326.353

Inverse Universe

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



62, 31.173, 327.024



76, 46.789, 327.363



70, 21.569, 163.076



36, 6.717, 326.068



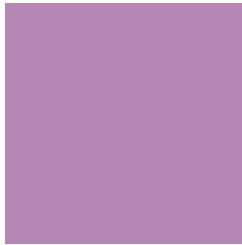
36, 77.353, 329.939



3, 18.044, 326.353

Previews

White Background



This preview shows how the CIELCh color 62, 31.175, 327.024 looks on a white background.

Color Contrast Check

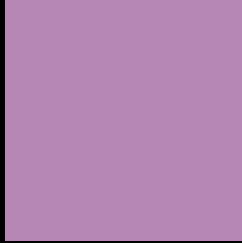
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 31.175, 327.024 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, 31.175, 327.024

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.175, 327.024.



This preview shows how white text looks on a background with the CIELCh color 62, 31.175, 327.024.

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

62, 31.175, 327.024

Protanopia

62, 23.107, 285.105

Deuteranopia

62, 17.503, 296.732



Tritanopia
62, 16.170, 358.855

Trichromacy



Original Color
62, 31.175, 327.024

Protanomaly
62, 24.006, 301.920

Deuteranomaly
62, 22.123, 311.389

Tritanomaly
62, 20.948, 341.886

Monochromacy



Original Color
62, 31.175, 327.024

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 11.538, 324.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.175, 327.024 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(182, 134, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 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(182, 134, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.175, 327.024 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(182, 134, 180) }
```

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

```
.border{ border-color:rgb(182, 134, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.175, 327.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 180) }
```

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

```
.background{ background-color: rgb(182,  
134, 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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