

Converting Colors

CIELCh(62, 20.446, 346.375)

Have a look what the booklet for
CIELCh(62, 20.446, 346.375)
contains.

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Color

CIELCh(62, 20.321, 346.405)

Conversions

Conversions Part 1

Format	Color
Hex	B58A9F
RGB	181, 138, 159
RGB Percent	71%, 54%, 62%
CMY	0.2911, 0.4597, 0.3774
CMYK	0.00, 0.24, 0.12, 0.29
HSL	331°, 22%, 62%
HSV	331°, 24%, 71%
XYZ	34.2947, 30.4025, 36.7573
YIQ	153.2510, 18.8870, 15.6470

Conversions

Conversions Part 2

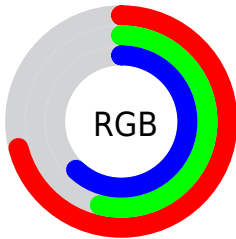
Format	Color
RYB	181, 138, 159
Decimal	11897503
CIELab	62.00, 19.75, -4.78
CIELCh	62, 20.321, 346.405
Yxy	30.4025, 0.3380, 0.2997
Android (android.graphics.Color)	4290087583 (0xFFB58A9F)
YUV	153.2510, 2.8343, 24.3359
Hunter-Lab	55.1385, 14.5299, -0.9279

Details

The CIELCh color $62, 20.321, 346.405$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 19.698, 162.168$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 20.150, 345.928$, and $42, 20.354, 346.445$ is the 20% darker color. If you saturate the color by 10%, you get $57, 28.992, 347.507$, and if you desaturate by 10%, it is $67, 11.663, 345.425$.

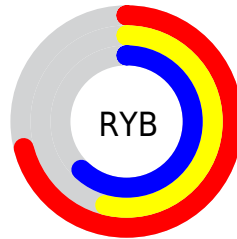
Distribution



Red (71%)

Green (54%)

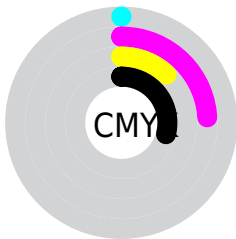
Blue (62%)



Red (71%)

Yellow (54%)

Blue (62%)

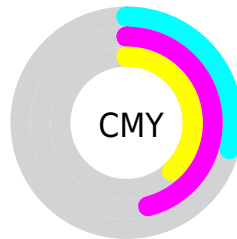


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.321, 346.405 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, 20.321, 346.405 by changing the saturation by 10% instead.


 62, 20.321,
346.405


 62, 20.321,
346.405


 100, 20.321,
346.405


 52, 20.321,
346.405


 82, 20.321,
346.405

 42, 20.321,
346.405

 92, 20.321,
346.405

 32, 20.321,
346.405

 22, 20.321,
346.405

 12, 20.321,
346.405

 2, 20.321, 346.405

 0, 20.321, 346.405

62, 20.321,
346.405

62, 20.321,
346.405

57, 28.992,
347.507

67, 11.663,
345.425

53, 37.469,
348.770

72, 3.162, 344.469

77, 5.108, 163.877

49, 45.441,
350.255

82, 13.106,
163.111

46, 52.514,
352.046

87, 20.821,
162.439

43, 58.252,
354.261


92, 28.256,
161.822

41, 62.288,
357.048

95, 30.213,
165.116

39, 64.499, 0.567

95, 27.544,
173.095

 95, 25.447,
182.531

Harmonies

Complementary

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



62, 20.321, 346.405



70, 19.698, 162.168

Rectangle

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



62, 20.321, 346.405



62, 20.321, 36.405



62, 20.321, 166.405



62, 20.321, 216.405

Sweetspot

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



62, 20.319, 346.407



89, 7.265, 344.806



61, 25.565, 310.184



47, 4.720, 344.861



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 20.319, 346.407



76, 30.728, 347.017



61, 17.548, 21.181



35, 4.720, 345.010



32, 57.842, 2.403



2, 10.536, 350.510

Inverse Universe

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



62, 20.319, 346.407



76, 30.728, 347.017



71, 15.002, 198.224



35, 4.720, 345.010



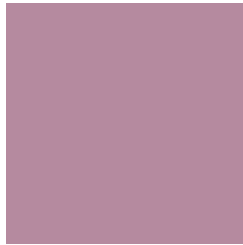
32, 57.842, 2.403



2, 10.536, 350.510

Previews

White Background



This preview shows how the CIELCh color 62, 20.321, 346.405 looks on a white background.

Color Contrast Check

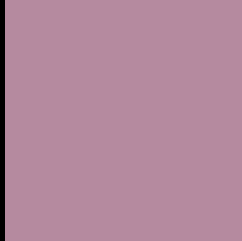
Large Text (above 18pt) WCAG AA × Fail

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, 20.321, 346.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

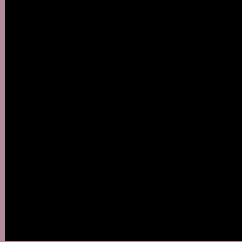
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 20.321, 346.405

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.321, 346.405.



This preview shows how white text looks on a background with the CIELCh color 62, 20.321, 346.405.

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, 20.321, 346.405

Protanopia
62, 9.545, 289.020

Deuteranopia
62, 8.473, 333.542



Tritanopia
62, 17.310, 0.543

Trichromacy



Original Color
62, 20.321, 346.405

Protanomaly
62, 11.641, 320.274

Deuteranomaly
62, 12.804, 339.736

Tritanomaly
62, 17.862, 355.440

Monochromacy



Original Color
62, 20.321, 346.405

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.659, 344.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.321, 346.405 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(181, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 138, 159)  
}
```

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(181, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 138, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.321, 346.405 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(181, 138, 159) }
```

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

```
.border{ border-color:rgb(181, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 138, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 138, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 138,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.321, 346.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 138, 159) }
```

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

```
.background{ background-color: rgb(181,  
138, 159) }
```

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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