

Converting Colors

CIELCh(62, 29.135, 331.017)

Have a look what the booklet for
CIELCh(62, 29.135, 331.017)
contains.

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Color

CIELCh(62, 29.249, 330.905)

Conversions

Conversions Part 1

Format	Color
Hex	B786AF
RGB	183, 134, 175
RGB Percent	72%, 53%, 69%
CMY	0.2806, 0.4728, 0.3120
CMYK	0.00, 0.27, 0.04, 0.28
HSL	310°, 26%, 62%
HSV	310°, 27%, 72%
XYZ	36.0005, 30.4025, 44.7559
YIQ	153.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

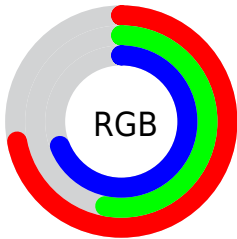
Format	Color
RYB	183, 134, 175
Decimal	12027567
CIELab	62.00, 25.56, -14.22
CIELCh	62, 29.249, 330.905
Yxy	30.4025, 0.3239, 0.2735
Android (android.graphics.Color)	4290217647 (0xFFB786AF)
YUV	153.3250, 10.6858, 26.0250
Hunter-Lab	55.1385, 20.0521, -9.5287

Details

The CIELCh color $62, 29.249, 330.905$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 29.160, 147.368$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 29.084, 330.365$, and $42, 28.714, 331.088$ is the 20% darker color. If you saturate the color by 10%, you get $58, 40.000, 331.546$, and if you desaturate by 10%, it is $67, 18.276, 330.274$.

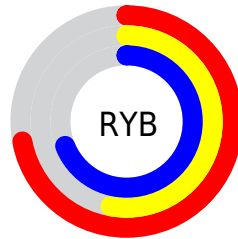
Distribution



Red (72%)

Green (53%)

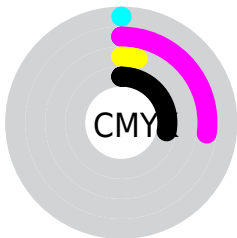
Blue (69%)



Red (72%)

Yellow (53%)

Blue (69%)

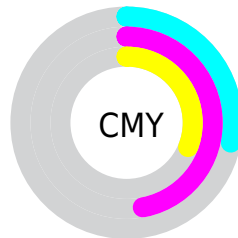


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 29.249, 330.905 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, 29.249, 330.905 by changing the saturation by 10% instead.


 62, 29.249,
330.905


 62, 29.249,
330.905


 100, 29.249,
330.905


 52, 29.249,
330.905


 82, 29.249,
330.905

 42, 29.249,
330.905

 92, 29.249,
330.905

 32, 29.249,
330.905

 22, 29.249,
330.905

 12, 29.249,
330.905

 2, 29.249, 330.905

 0, 29.249, 330.905

62, 29.249,
330.905

62, 29.249,
330.905

58, 40.000,
331.546

67, 18.276,
330.274

54, 50.229,
332.195

71, 7.306, 329.643

50, 59.535,
332.852

76, 3.518, 149.172

47, 67.454,
333.519

81, 14.107,
148.547

45, 73.526,
334.209

86, 24.412,
147.998

43, 77.414,
334.939

91, 34.412,
147.481

42, 79.098,
335.734

94, 39.479,
147.779

42, 79.444,

94, 38.279,
149.195

336.002

 94, 37.097,
150.696

Harmonies

Complementary

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



62, 29.249, 330.905



70, 29.160, 147.368

Rectangle

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



62, 29.249, 330.905



62, 29.249, 20.905



62, 29.249, 150.905



62, 29.249, 200.905

Sweetspot

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



62, 29.247, 330.905



90, 10.816, 329.734



58, 28.069, 298.424



47, 7.689, 329.830



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, 29.247, 330.905



76, 43.442, 331.277



61, 21.482, 355.353



36, 6.172, 329.811



35, 70.441, 335.886



3, 15.943, 332.028

Inverse Universe

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



62, 29.247, 330.905



76, 43.442, 331.277



71, 20.147, 170.024



36, 6.172, 329.811



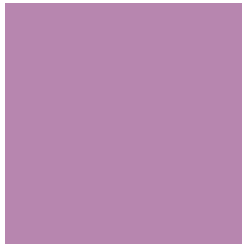
35, 70.441, 335.886



3, 15.943, 332.028

Previews

White Background



This preview shows how the CIELCh color 62, 29.249, 330.905 looks on a white background.

Color Contrast Check

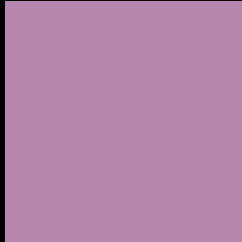
Large Text (above 18pt) WCAG AA × Fail

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, 29.249, 330.905 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, 29.249, 330.905

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.249, 330.905.



This preview shows how white text looks on a background with the CIELCh color 62, 29.249, 330.905.

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, 29.249, 330.905

Protanopia

62, 20.275, 285.542

Deuteranopia

62, 15.506, 302.618



Tritanopia
62, 17.310, 0.543

Trichromacy



Original Color
62, 29.249, 330.905

Protanomaly
62, 21.943, 304.599

Deuteranomaly
62, 19.954, 317.089

Tritanomaly
62, 20.951, 345.804

Monochromacy



Original Color
62, 29.249, 330.905

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.878, 330.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.249, 330.905 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(183, 134, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 134, 175)  
}
```

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(183, 134, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 134, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.249, 330.905 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(183, 134, 175) }
```

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

```
.border{ border-color:rgb(183, 134, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 134, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 134, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 134, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 134,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.249, 330.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 134, 175) }
```

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

```
.background{ background-color: rgb(183,  
134, 175) }
```

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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