

Converting Colors

CIELCh(63, 29.174, 338.559)

Have a look what the booklet for
CIELCh(63, 29.174, 338.559)
contains.

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Color

CIELCh(63, 29.627, 338.688)

Conversions

Conversions Part 1

Format	Color
Hex	C087AC
RGB	192, 135, 172
RGB Percent	75%, 53%, 67%
CMY	0.2464, 0.4699, 0.3248
CMYK	0.00, 0.30, 0.10, 0.25
HSL	321°, 31%, 64%
HSV	321°, 30%, 75%
XYZ	37.9306, 31.5869, 43.2114
YIQ	156.2610, 22.0950, 23.5910

Conversions

Conversions Part 2

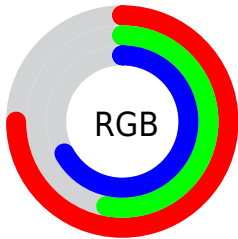
Format	Color
RYB	192, 135, 172
Decimal	12617644
CIELab	63.00, 27.60, -10.77
CIELCh	63, 29.627, 338.688
Yxy	31.5869, 0.3365, 0.2802
Android (android.graphics.Color)	4290807724 (0xFFC087AC)
YUV	156.2610, 7.7593, 31.3431
Hunter-Lab	56.2022, 22.1149, -6.2438

Details

The CIELCh color $63, 29.627, 338.688$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 29.176, 153.958$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 29.368, 338.977$, and $43, 30.076, 338.618$ is the 20% darker color. If you saturate the color by 10%, you get $58, 39.434, 339.593$, and if you desaturate by 10%, it is $68, 19.593, 337.857$.

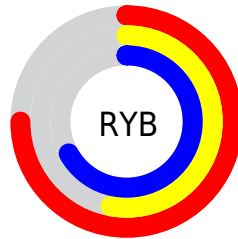
Distribution



Red (75%)

Green (53%)

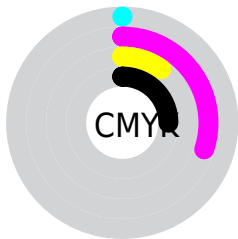
Blue (67%)



Red (75%)

Yellow (53%)

Blue (67%)

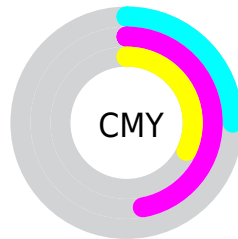


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 29.627, 338.688 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 63, 29.627, 338.688 by changing the saturation by 10% instead.

 63, 29.627,
338.688


 63, 29.627,
338.688

 100, 29.627,
338.688


 53, 29.627,
338.688


 83, 29.627,
338.688

 43, 29.627,
338.688

 93, 29.627,
338.688

 33, 29.627,
338.688

 23, 29.627,
338.688

 13, 29.627,
338.688

 3, 29.627, 338.688

 0, 29.627, 338.688

63, 29.627,
338.688

63, 29.627,
338.688

58, 39.434,
339.593

68, 19.593,
337.857

54, 48.702,
340.593

73, 9.563, 337.075

78, 0.321, 157.471

51, 57.007,
341.723

83, 9.975, 155.770

47, 63.863,
343.034

88, 19.352,
155.131

45, 68.801,
344.598

94, 28.436,
154.543

43, 71.523,
346.509


95, 28.660,
158.071

42, 72.331,
348.807

95, 26.383,
163.586

42, 72.352,

348.886

 95, 24.361,
170.042

Harmonies

Complementary

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



63, 29.627, 338.688



73, 29.176, 153.958

Rectangle

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



63, 29.627, 338.688



63, 29.627, 28.688



63, 29.627, 158.688



63, 29.627, 208.688

Sweetspot

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



63, 29.625, 338.689



93, 11.018, 337.034



60, 33.089, 305.484



48, 7.664, 337.148



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 29.625, 338.689



76, 44.401, 339.305



62, 23.433, 10.316



38, 5.647, 337.052



35, 63.521, 348.515



3, 17.504, 343.281

Inverse Universe

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



63, 29.625, 338.689



76, 44.401, 339.305



74, 20.331, 184.594



38, 5.647, 337.052



35, 63.521, 348.515



3, 17.504, 343.281

Previews

White Background



This preview shows how the CIELCh color 63, 29.627, 338.688 looks on a white background.

Color Contrast Check

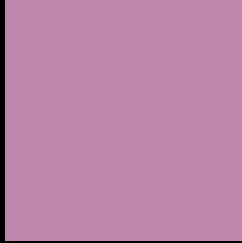
Large Text (above 18pt) WCAG AA × Fail

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 63, 29.627, 338.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

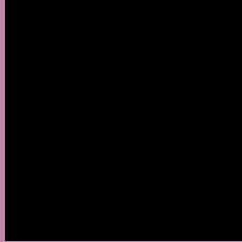
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 29.627, 338.688

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.627, 338.688.



This preview shows how white text looks on a background with the CIELCh color 63, 29.627, 338.688.

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

63, 29.627, 338.688

Protanopia

63, 17.953, 286.524

Deuteranopia

63, 12.499, 310.426



Tritanopia
63, 20.748, 4.569

Trichromacy



Original Color
63, 29.627, 338.688

Protanomaly
63, 20.243, 310.934

Deuteranomaly
63, 18.435, 326.289

Tritanomaly
63, 23.041, 353.154

Monochromacy



Original Color
63, 29.627, 338.688

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.237, 336.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.627, 338.688 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(192, 135, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 135, 172)  
}
```

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(192, 135, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 135, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.627, 338.688 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(192, 135, 172) }
```

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

```
.border{ border-color:rgb(192, 135, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 135, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 135, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 135, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 135,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.627, 338.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 135, 172) }
```

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

```
.background{ background-color: rgb(192,  
135, 172) }
```

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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