

Converting Colors

CIELCh(64, 34.782, 327.903)

Have a look what the booklet for
CIELCh(64, 34.782, 327.903)
contains.

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Color

CIELCh(64, 34.609, 328.078)

Conversions

Conversions Part 1

Format	Color
Hex	C089BC
RGB	192, 137, 188
RGB Percent	75%, 54%, 74%
CMY	0.2464, 0.4621, 0.2621
CMYK	0.00, 0.29, 0.02, 0.25
HSL	304°, 30%, 65%
HSV	304°, 29%, 75%
XYZ	39.8427, 32.8017, 51.9006
YIQ	159.2590, 16.4090, 27.5210

Conversions

Conversions Part 2

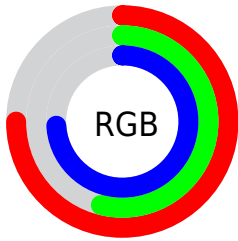
Format	Color
R_{YB}	192, 137, 188
Decimal	12618172
CIE _{Lab}	64.00, 29.38, -18.30
CIE _{LCh}	64, 34.609, 328.078
Yxy	32.8017, 0.3199, 0.2634
Android (android.graphics.Color)	4290808252 (0xFFC089BC)
YUV	159.2590, 14.1693, 28.7139
Hunter-Lab	57.2727, 23.9491, -13.6377

Details

The CIELCh color $64, 34.609, 328.078$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 34.584, 144.456$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.467, 328.203$, and $44, 34.953, 328.071$ is the 20% darker color. If you saturate the color by 10%, you get $60, 46.375, 328.640$, and if you desaturate by 10%, it is $69, 22.523, 327.505$.

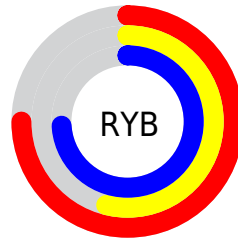
Distribution



Red (75%)

Green (54%)

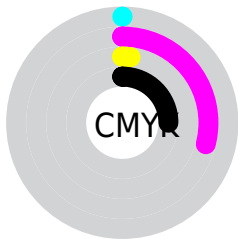
Blue (74%)



Red (75%)

Yellow (54%)

Blue (74%)

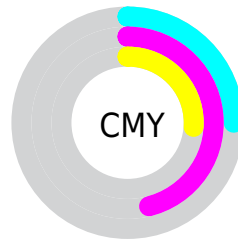


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 34.609, 328.078 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 64, 34.609, 328.078 by changing the saturation by 10% instead.

 64, 34.609,
328.078


 64, 34.609,
328.078


 100, 34.609,
328.078


 54, 34.609,
328.078


 84, 34.609,
328.078

 44, 34.609,
328.078

 94, 34.609,
328.078

 34, 34.609,
328.078

 24, 34.609,
328.078

 14, 34.609,
328.078

 4, 34.609, 328.078

 0, 34.609, 328.078

64, 34.609,
328.078

64, 34.609,
328.078

60, 46.375,
328.640

69, 22.523,
327.505

56, 57.472,
329.180

73, 10.383,
326.922

52, 67.456,
329.689

78, 1.633, 146.551

49, 75.837,
330.157

84, 13.412,
145.863

47, 82.167,
330.581

89, 24.888,
145.329

46, 86.165,
330.964

94, 36.028,
144.824


45, 88.017,
331.319

95, 36.971,
145.318

45, 88.218,

95, 36.395,
145.979

331.367

 95, 35.822,
146.659

Harmonies

Complementary

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



64, 34.609, 328.078



73, 34.584, 144.456

Rectangle

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



64, 34.609, 328.078



64, 34.609, 18.078



64, 34.609, 148.078



64, 34.609, 198.078

Sweetspot

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



64, 34.607, 328.078



93, 13.416, 326.953



59, 31.245, 295.843



49, 9.329, 327.039



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 34.607, 328.078



78, 50.720, 328.413



63, 24.982, 350.222



38, 6.875, 326.966



37, 77.313, 331.322



4, 22.633, 328.892

Inverse Universe

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



64, 34.607, 328.078



78, 50.720, 328.413



74, 23.801, 164.695



38, 6.875, 326.966



37, 77.313, 331.322



4, 22.633, 328.892

Previews

White Background



This preview shows how the CIELCh color 64, 34.609, 328.078 looks on a white background.

Color Contrast Check

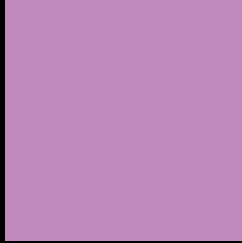
Large Text (above 18pt) WCAG AA × Fail

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 64, 34.609, 328.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

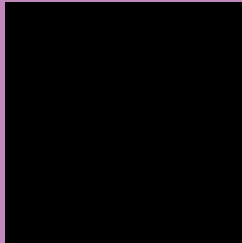
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 34.609, 328.078

Background



This preview shows how black text looks on a background with the CIELCh color 64, 34.609, 328.078.

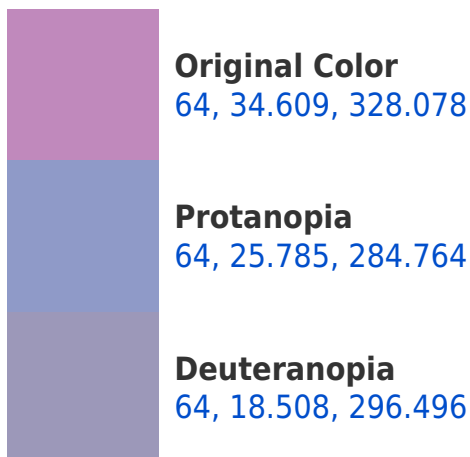


This preview shows how white text looks on a background with the CIELCh color 64, 34.609, 328.078.

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
64, 18.878, 0.815

Trichromacy



Original Color
64, 34.609, 328.078

Protanomaly
64, 27.291, 302.391

Deuteranomaly
64, 23.270, 312.192

Tritanomaly
64, 23.592, 344.274

Monochromacy



Original Color
64, 34.609, 328.078

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 13.029, 326.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 34.609, 328.078 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, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 188)  
}
```

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, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 34.609, 328.078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

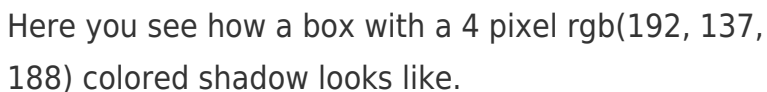
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 137, 188) }
```

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

```
.border{ border-color:rgb(192, 137, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 137, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 137, 188); box-shadow:4px 4px 4px 4px rgb(192, 137, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 34.609, 328.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 188) }
```

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

```
.background{ background-color: rgb(192,  
137, 188) }
```

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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