

Converting Colors

CIELCh(64, 34.486, 334.640)

Have a look what the booklet for
CIELCh(64, 34.486, 334.640)
contains.

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Color

CIELCh(64, 34.761, 334.664)

Conversions

Conversions Part 1

Format	Color
Hex	C687B6
RGB	198, 135, 182
RGB Percent	78%, 53%, 71%
CMY	0.2227, 0.4698, 0.2855
CMYK	0.00, 0.32, 0.08, 0.22
HSL	315°, 36%, 65%
HSV	315°, 32%, 78%
XYZ	40.4987, 32.8017, 48.5616
YIQ	159.1950, 22.4610, 27.9730

Conversions

Conversions Part 2

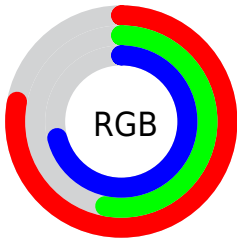
Format	Color
RYB	198, 135, 182
Decimal	13010870
CIELab	64.00, 31.42, -14.88
CIELCh	64, 34.761, 334.664
Yxy	32.8017, 0.3323, 0.2692
Android (android.graphics.Color)	4291200950 (0xFFC687B6)
YUV	159.1950, 11.2429, 34.0320
Hunter-Lab	57.2727, 25.9935, -10.1811

Details

The CIELCh color $64, 34.761, 334.664$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 34.503, 149.973$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.674, 334.399$, and $44, 34.748, 334.621$ is the 20% darker color. If you saturate the color by 10%, you get $59, 45.330, 335.432$, and if you desaturate by 10%, it is $69, 23.839, 333.936$.

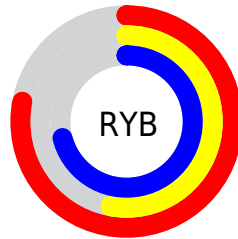
Distribution



Red (78%)

Green (53%)

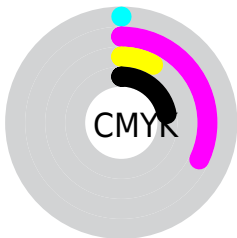
Blue (71%)



Red (78%)

Yellow (53%)

Blue (71%)

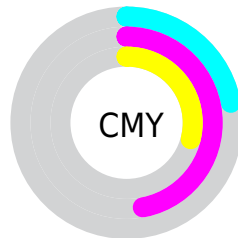


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 34.761, 334.664 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, 34.761, 334.664 by changing the saturation by 10% instead.

 64, 34.761,
334.664

 64, 34.761,
334.664

 100, 34.761,
334.664

 54, 34.761,
334.664

 84, 34.761,
334.664

 44, 34.761,
334.664

 94, 34.761,
334.664

 34, 34.761,
334.664

 24, 34.761,
334.664

 14, 34.761,
334.664

 4, 34.761, 334.664

 0, 34.761, 334.664

64, 34.761,
334.664

64, 34.761,
334.664

59, 45.330,
335.432

69, 23.839,
333.936

55, 55.185,
336.248

74, 12.839,
333.236

52, 63.857,
337.130

79, 1.939, 332.441

49, 70.834,
338.103

84, 8.749, 152.023

47, 75.661,
339.210

90, 19.162,
151.415


45, 78.096,
340.505

95, 29.269,
150.852

44, 78.670,
341.715

95, 27.868,
154.128

96, 26.037,
158.046

 96, 24.328,
162.513

Harmonies

Complementary

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



64, 34.761, 334.664



75, 34.503, 149.973

Rectangle

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



64, 34.761, 334.664



64, 34.761, 24.664



64, 34.761, 154.664



64, 34.761, 204.664

Sweetspot

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



64, 34.759, 334.665



94, 13.346, 333.122



60, 36.154, 302.313



49, 9.114, 333.221



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 34.759, 334.665



77, 50.752, 335.180



63, 26.396, 3.119



39, 6.183, 333.069



36, 68.274, 341.473



4, 21.400, 337.873

Inverse Universe

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



64, 34.759, 334.665



77, 50.752, 335.180



75, 23.590, 176.435



39, 6.183, 333.069



36, 68.274, 341.473



4, 21.400, 337.873

Previews

White Background



This preview shows how the CIELCh color 64, 34.761, 334.664 looks on a white background.

Color Contrast Check

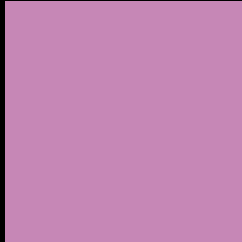
Large Text (above 18pt) WCAG AA × Fail

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, 34.761, 334.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

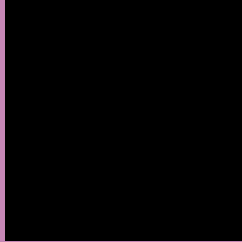
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 34.761, 334.664

Background



This preview shows how black text looks on a background with the CIELCh color 64, 34.761, 334.664.



This preview shows how white text looks on a background with the CIELCh color 64, 34.761, 334.664.

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

64, 34.761, 334.664

Protanopia

64, 22.973, 285.003

Deuteranopia

64, 15.329, 301.250



Tritanopia
64, 21.858, 5.624

Trichromacy



Original Color
64, 34.761, 334.664

Protanomaly
64, 24.884, 306.562

Deuteranomaly
64, 21.483, 319.453

Tritanomaly
64, 25.630, 351.045

Monochromacy



Original Color
64, 34.761, 334.664

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.909, 333.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 34.761, 334.664 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(198, 135, 182)` looks like.

```
.text, #text, p{  
    color:rgb(198, 135, 182)  
}
```

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(198, 135, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 135, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 34.761, 334.664 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(198, 135, 182) }
```

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

```
.border{ border-color:rgb(198, 135, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 135, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 135, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 135, 182);  
box-shadow:4px 4px 4px 4px rgb(198, 135,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 34.761, 334.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 135, 182) }
```

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

```
.background{ background-color: rgb(198,  
135, 182) }
```

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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