

Converting Colors

CIELCh(64, 30.542, 357.252)

Have a look what the booklet for
CIELCh(64, 30.542, 357.252)
contains.

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Color

CIELCh(64, 30.542, 357.252)

Conversions

Conversions Part 1

Format	Color
Hex	CE879F
RGB	206, 135, 159
RGB Percent	81%, 53%, 62%
CMY	0.1935, 0.4718, 0.3777
CMYK	0.00, 0.35, 0.23, 0.19
HSL	340°, 42%, 67%
HSV	340°, 35%, 81%
XYZ	40.2053, 32.8017, 36.8650
YIQ	158.9650, 34.6120, 22.5160

Conversions

Conversions Part 2

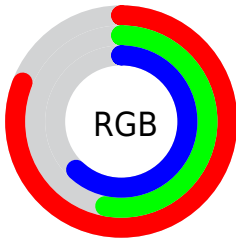
Format	Color
R _Y B	206, 135, 159
Decimal	13535135
CIE Lab	64.00, 30.51, -1.46
CIE LCh	64, 30.542, 357.252
Yxy	32.8017, 0.3659, 0.2985
Android (android.graphics.Color)	4291725215 (0xFFCE879F)
YUV	158.9650, 0.0173, 41.2497
Hunter-Lab	57.2727, 25.0793, 1.9274

Details

The CIELCh color $64, 30.542, 357.252$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 27.953, 169.900$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.560, 353.407$, and $44, 30.526, 356.813$ is the 20% darker color. If you saturate the color by 10%, you get $59, 39.569, 358.862$, and if you desaturate by 10%, it is $69, 21.446, 355.906$.

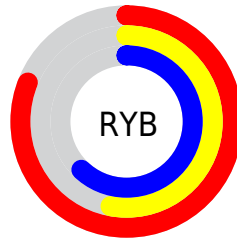
Distribution



Red (81%)

Green (53%)

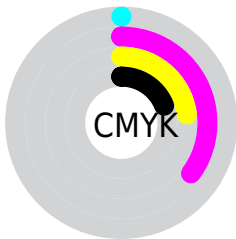
Blue (62%)



Red (81%)

Yellow (53%)

Blue (62%)

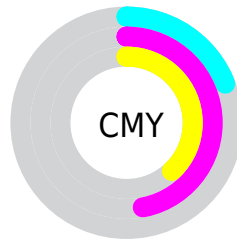


Cyan (0%)

Magenta (35%)

Yellow (23%)

Black (19%)



Cyan (19%)


Magenta (47%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 30.542, 357.252 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, 30.542, 357.252 by changing the saturation by 10% instead.


 64, 30.542,
357.252


 64, 30.542,
357.252


 100, 30.542,
357.252


 54, 30.542,
357.252


 84, 30.542,
357.252

 44, 30.542,
357.252

 94, 30.542,
357.252

 34, 30.542,
357.252

 24, 30.542,
357.252

 14, 30.542,
357.252

 4, 30.542, 357.252

 0, 30.542, 357.252

64, 30.542,
357.252

64, 30.542,
357.252

59, 39.569,
358.862

69, 21.446,
355.906

55, 48.227, 0.825

75, 12.496,
354.745

51, 56.115, 3.274

80, 3.814, 353.663

48, 62.808, 6.372

86, 4.536, 173.014

45, 68.007, 10.295

91, 12.533,
172.163

44, 71.725, 15.153

44, 73.494, 18.048

96, 18.545,
174.345

97, 16.415,
196.548

97, 16.360,
198.419

Harmonies

Complementary

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



64, 30.542, 357.252



78, 27.953, 169.900

Rectangle

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



64, 30.542, 357.252



64, 30.542, 47.252



64, 30.542, 177.252



64, 30.542, 227.252

Sweetspot

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



64, 30.539, 357.254



93, 10.174, 354.276



63, 42.750, 315.619



49, 6.959, 354.426



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, 30.539, 357.254



74, 43.379, 358.348



66, 26.010, 34.572



40, 4.809, 354.198



35, 62.370, 17.100



4, 18.727, 2.944

Inverse Universe

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



64, 30.539, 357.254



74, 43.379, 358.348



75, 20.272, 214.621



40, 4.809, 354.198



35, 62.370, 17.100



4, 18.727, 2.944

Previews

White Background



This preview shows how the CIELCh color 64, 30.542, 357.252 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, 30.542, 357.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

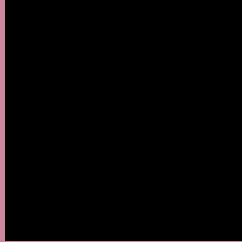
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 30.542, 357.252

Background



This preview shows how black text looks on a background with the CIELCh color 64, 30.542, 357.252.

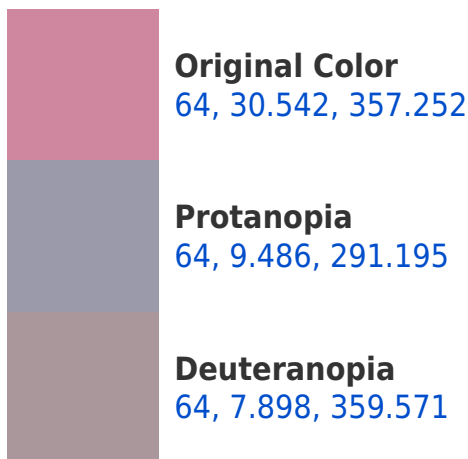


This preview shows how white text looks on a background with the CIELCh color 64, 30.542, 357.252.

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, 27.453, 10.860

Trichromacy



Original Color
64, 30.542, 357.252

Protanomaly
64, 14.921, 332.565

Deuteranomaly
64, 16.257, 356.954

Tritanomaly
64, 28.587, 5.830

Monochromacy



Original Color
64, 30.542, 357.252

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 11.258, 354.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 30.542, 357.252 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(206, 135, 159)` looks like.

```
.text, #text, p{  
    color:rgb(206, 135, 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(206, 135, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 135, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 30.542, 357.252 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(206, 135, 159) }
```

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

```
.border{ border-color:rgb(206, 135, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 135, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 135, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 135, 159);  
box-shadow:4px 4px 4px 4px rgb(206, 135,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 30.542, 357.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 135, 159) }
```

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

```
.background{ background-color: rgb(206,  
135, 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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