

Converting Colors

CIELCh(64, 35.084, 351.174)

Have a look what the booklet for
CIELCh(64, 35.084, 351.174)
contains.

CIELCh(64, 35.010, 351.167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 35.010, 351.167)

Conversions

Conversions Part 1

Format	Color
Hex	D284A6
RGB	210, 132, 166
RGB Percent	82%, 52%, 65%
CMY	0.1779, 0.4836, 0.3503
CMYK	0.00, 0.37, 0.21, 0.18
HSL	334°, 46%, 67%
HSV	334°, 37%, 82%
XYZ	41.5334, 32.8017, 40.0564
YIQ	159.1980, 35.5740, 27.1100

Conversions

Conversions Part 2

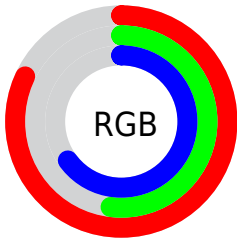
Format	Color
R _Y B	210, 132, 166
Decimal	13796518
CIE Lab	64.00, 34.59, -5.38
CIE LCh	64, 35.010, 351.167
Yxy	32.8017, 0.3631, 0.2867
Android (android.graphics.Color)	4291986598 (0xFFD284A6)
YUV	159.1980, 3.3534, 44.5534
Hunter-Lab	57.2727, 29.2183, -1.3764

Details

The CIELCh color **64, 35.010, 351.167** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78, 32.906, 163.531**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.004, 345.743**, and **44, 34.863, 351.474** is the 20% darker color. If you saturate the color by 10%, you get **59, 44.251, 352.649**, and if you desaturate by 10%, it is **69, 25.484, 349.910**.

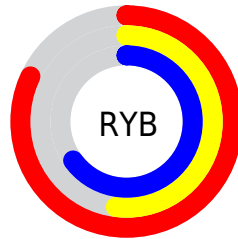
Distribution



Red (82%)

Green (52%)

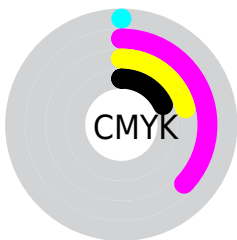
Blue (65%)



Red (82%)

Yellow (52%)

Blue (65%)

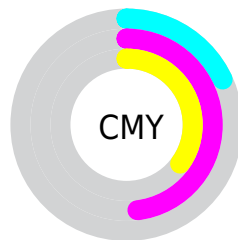


Cyan (0%)

Magenta (37%)

Yellow (21%)

Black (18%)



Cyan (18%)


Magenta (48%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 35.010, 351.167 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, 35.010, 351.167 by changing the saturation by 10% instead.

 64, 35.010,
351.167


 64, 35.010,
351.167


 100, 35.010,
351.167


 54, 35.010,
351.167


 84, 35.010,
351.167

 44, 35.010,
351.167

 94, 35.010,
351.167

 34, 35.010,
351.167

 24, 35.010,
351.167

 14, 35.010,
351.167

 4, 35.010, 351.167

 0, 35.010, 351.167

64, 35.010,
351.167

64, 35.010,
351.167

59, 44.251,
352.649

69, 25.484,
349.910

55, 52.836,
354.432

74, 15.951,
348.812

51, 60.296,
356.636

80, 6.582, 347.813

48, 66.166,
359.412

86, 2.521, 167.199

46, 70.144, 2.936

91, 11.309,
166.286

45, 72.346, 7.331

97, 18.383,
167.448

45, 72.881, 8.636

97, 15.737,
186.070

97, 15.113,
198.499

Harmonies

Complementary

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



64, 35.010, 351.167



78, 32.906, 163.531

Rectangle

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



64, 35.010, 351.167



64, 35.010, 41.167



64, 35.010, 171.167



64, 35.010, 221.167

Sweetspot

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



64, 35.007, 351.169



93, 11.870, 348.201



62, 46.120, 312.533



49, 7.991, 348.337



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, 35.007, 351.169



72, 49.532, 352.381



64, 31.160, 26.474



41, 5.200, 348.032



36, 61.860, 7.797



5, 21.248, 357.970

Inverse Universe

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



64, 35.007, 351.169



72, 49.532, 352.381



78, 23.824, 202.791



41, 5.200, 348.032



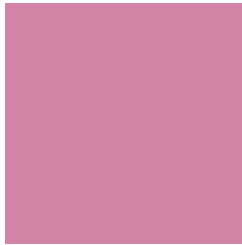
36, 61.860, 7.797



5, 21.248, 357.970

Previews

White Background



This preview shows how the CIELCh color 64, 35.010, 351.167 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, 35.010, 351.167 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, 35.010, 351.167

Background



This preview shows how black text looks on a background with the CIELCh color 64, 35.010, 351.167.

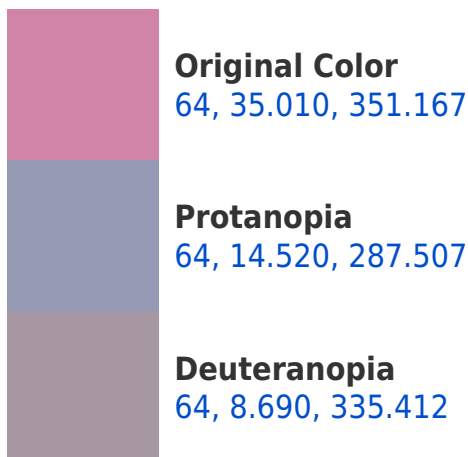


This preview shows how white text looks on a background with the CIELCh color 64, 35.010, 351.167.

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, 29.538, 11.960

Trichromacy



Original Color
64, 35.010, 351.167

Protanomaly
64, 18.917, 322.398

Deuteranomaly
64, 18.344, 346.225

Tritanomaly
64, 30.957, 3.221

Monochromacy



Original Color
64, 35.010, 351.167

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 12.709, 349.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 35.010, 351.167 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(210, 132, 166)` looks like.

```
.text, #text, p{  
    color:rgb(210, 132, 166)  
}
```

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(210, 132, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 132, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 35.010, 351.167 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(210, 132, 166) }
```

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

```
.border{ border-color:rgb(210, 132, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 132, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 132, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 132, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 132,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 35.010, 351.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 132, 166) }
```

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

```
.background{ background-color: rgb(210,  
132, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor