

Converting Colors

CIELCh(65, 28.578, 353.842)

Have a look what the booklet for
CIELCh(65, 28.578, 353.842)
contains.

CIELCh(65, 28.536, 353.747)	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(65, 28.536, 353.747)

Conversions

Conversions Part 1

Format	Color
Hex	CC8BA4
RGB	204, 139, 164
RGB Percent	80%, 55%, 64%
CMY	0.1994, 0.4544, 0.3563
CMYK	0.00, 0.32, 0.20, 0.20
HSL	337°, 39%, 67%
HSV	337°, 32%, 80%
XYZ	40.9066, 34.0472, 39.6022
YIQ	161.2850, 30.7150, 21.5550

Conversions

Conversions Part 2

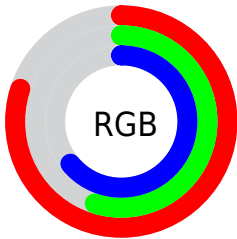
Format	Color
R _Y B	204, 139, 164
Decimal	13405092
CIE Lab	65.00, 28.37, -3.11
CIE LCh	65, 28.536, 353.747
Yxy	34.0472, 0.3571, 0.2972
Android (android.graphics.Color)	4291595172 (0xFFCC8BA4)
YUV	161.2850, 1.3385, 37.4611
Hunter-Lab	58.3500, 23.0262, 0.6047

Details

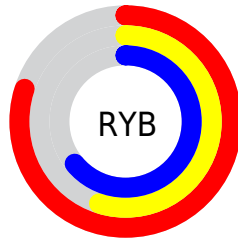
The CIELCh color $65, 28.536, 353.747$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 26.681, 167.233$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 26.409, 350.633$, and $45, 28.596, 354.316$ is the 20% darker color. If you saturate the color by 10%, you get $60, 37.634, 355.198$, and if you desaturate by 10%, it is $70, 19.375, 352.514$.

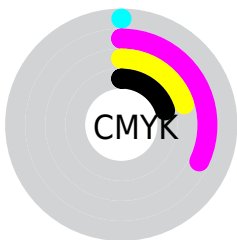
Distribution



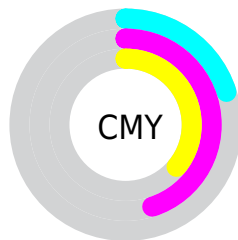
- Red (80%)
- Green (55%)
- Blue (64%)



- Red (80%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 28.536, 353.747 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 65, 28.536, 353.747 by changing the saturation by 10% instead.

 65, 28.536,
353.747


 65, 28.536,
353.747

 100, 28.536,
353.747

 55, 28.536,
353.747


 85, 28.536,
353.747

 45, 28.536,
353.747

 95, 28.536,
353.747

 35, 28.536,
353.747

 25, 28.536,
353.747

 15, 28.536,
353.747

 5, 28.536, 353.747

 0, 28.536, 353.747

65, 28.536,
353.747

65, 28.536,
353.747

60, 37.634,
355.198

70, 19.375,
352.514

56, 46.380,
356.940

76, 10.354,
351.431

52, 54.378,
359.084

81, 1.588, 350.252

48, 61.181, 1.778

87, 6.864, 169.769

46, 66.410, 5.197

92, 14.981,
168.980

44, 69.948, 9.503

96, 19.190,
173.762

43, 72.014, 13.566

97, 17.024,
193.314

97, 16.827,
198.389

Harmonies

Complementary

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



65, 28.536, 353.747



77, 26.681, 167.233

Rectangle

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



65, 28.536, 353.747



65, 28.536, 43.747



65, 28.536, 173.747



65, 28.536, 223.747

Sweetspot

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



65, 28.533, 353.749



93, 10.444, 351.254



64, 38.798, 313.890



49, 7.142, 351.401



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 28.533, 353.749



76, 40.924, 354.684



66, 24.515, 29.977



40, 4.937, 351.179



35, 61.556, 12.688



4, 18.990, 0.409

Inverse Universe

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



65, 28.533, 353.749



76, 40.924, 354.684



76, 19.522, 208.431



40, 4.937, 351.179



35, 61.556, 12.688



4, 18.990, 0.409

Previews

White Background



This preview shows how the CIELCh color 65, 28.536, 353.747 looks on a white background.

Color Contrast Check

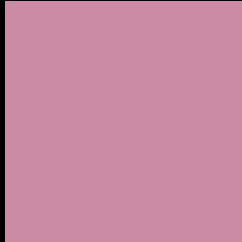
Large Text (above 18pt) WCAG AA × Fail

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 65, 28.536, 353.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

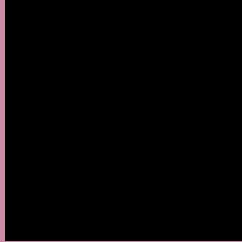
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 28.536, 353.747

Background



This preview shows how black text looks on a background with the CIELCh color 65, 28.536, 353.747.

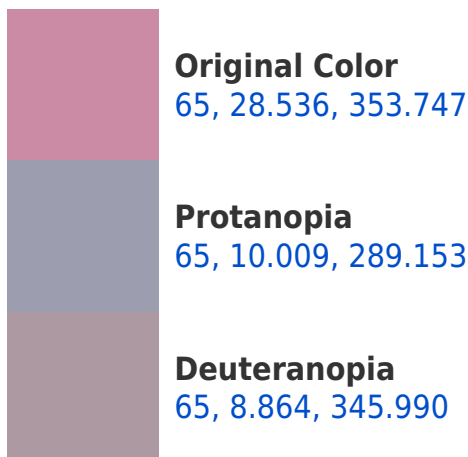


This preview shows how white text looks on a background with the CIELCh color 65, 28.536, 353.747.

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
65, 25.383, 8.367

Trichromacy



Original Color
65, 28.536, 353.747

Protanomaly
65, 14.137, 328.966

Deuteranomaly
65, 16.186, 350.221

Tritanomaly
65, 26.274, 2.725

Monochromacy



Original Color
65, 28.536, 353.747

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 10.525, 352.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 28.536, 353.747 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(204, 139, 164)` looks like.

```
.text, #text, p{  
    color:rgb(204, 139, 164)  
}
```

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(204, 139, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 139, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 28.536, 353.747 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(204, 139, 164) }
```

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

```
.border{ border-color:rgb(204, 139, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 139, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 139, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 139, 164);  
box-shadow:4px 4px 4px 4px rgb(204, 139,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 28.536, 353.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 139, 164) }
```

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

```
.background{ background-color: rgb(204,  
139, 164) }
```

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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