

Converting Colors

CIELCh(65, 28.013, 355.114)

Have a look what the booklet for
CIELCh(65, 28.013, 355.114)
contains.

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Color

CIELCh(65, 28.330, 354.765)

Conversions

Conversions Part 1

Format	Color
Hex	CC8BA3
RGB	204, 139, 163
RGB Percent	80%, 55%, 64%
CMY	0.1991, 0.4541, 0.3599
CMYK	0.00, 0.32, 0.20, 0.20
HSL	338°, 39%, 67%
HSV	338°, 32%, 80%
XYZ	40.8565, 34.0472, 39.1684
YIQ	161.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

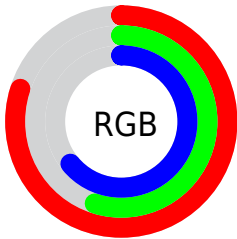
Format	Color
RYB	204, 139, 163
Decimal	13405091
CIELab	65.00, 28.21, -2.58
CIELCh	65, 28.330, 354.765
Yxy	34.0472, 0.3582, 0.2985
Android (android.graphics.Color)	4291595171 (0xFFCC8BA3)
YUV	161.1710, 0.9017, 37.5610
Hunter-Lab	58.3500, 22.8727, 1.0456

Details

The CIELCh color `65, 28.330, 354.765` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `77, 26.369, 168.199`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 26.177, 351.645`, and `45, 28.394, 355.415` is the 20% darker color. If you saturate the color by 10%, you get `60, 37.400, 356.244`, and if you desaturate by 10%, it is `70, 19.216, 353.513`.

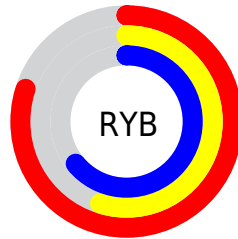
Distribution



Red (80%)

Green (55%)

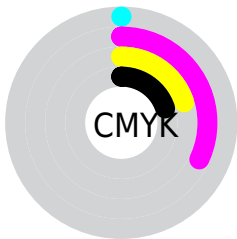
Blue (64%)



Red (80%)

Yellow (55%)

Blue (64%)

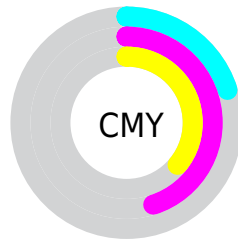


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 28.330, 354.765 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, 28.330, 354.765 by changing the saturation by 10% instead.


 65, 28.330,
354.765


 65, 28.330,
354.765


 100, 28.330,
354.765


 55, 28.330,
354.765


 85, 28.330,
354.765

 45, 28.330,
354.765

 95, 28.330,
354.765

 35, 28.330,
354.765

 25, 28.330,
354.765

 15, 28.330,
354.765

 5, 28.330, 354.765

 0, 28.330, 354.765

65, 28.330,
354.765

65, 28.330,
354.765

60, 37.400,
356.244

70, 19.216,
353.513

56, 46.143,
358.024

76, 10.258,
352.415

52, 54.168, 0.222

81, 1.565, 351.221

48, 61.037, 2.988

87, 6.806, 170.741

46, 66.378, 6.499

92, 14.836,
169.948

44, 70.085, 10.909

96, 18.926,
175.100

43, 72.333, 15.058

97, 16.894,
195.584

97, 16.802,
198.390

Harmonies

Complementary

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



65, 28.330, 354.765



77, 26.369, 168.199

Rectangle

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



65, 28.330, 354.765



65, 28.330, 44.765



65, 28.330, 174.765



65, 28.330, 224.765

Sweetspot

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



65, 28.327, 354.767



93, 10.352, 352.238



64, 38.914, 314.429



49, 7.079, 352.386



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, 28.327, 354.767



76, 40.653, 355.721



66, 24.190, 31.424



40, 4.893, 352.162



35, 61.778, 14.163



4, 18.896, 1.267

Inverse Universe

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



65, 28.327, 354.767



76, 40.653, 355.721



76, 19.260, 210.399



40, 4.893, 352.162



35, 61.778, 14.163



4, 18.896, 1.267

Previews

White Background



This preview shows how the CIELCh color 65, 28.330, 354.765 looks on a white background.

Color Contrast Check

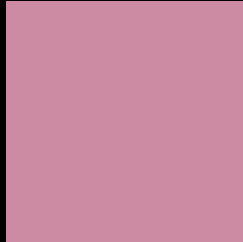
Large Text (above 18pt) WCAG AA × Fail

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, 28.330, 354.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

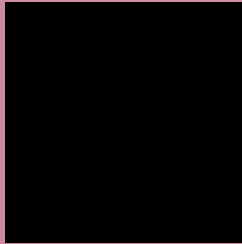
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 28.330, 354.765

Background



This preview shows how black text looks on a background with the CIELCh color 65, 28.330, 354.765.

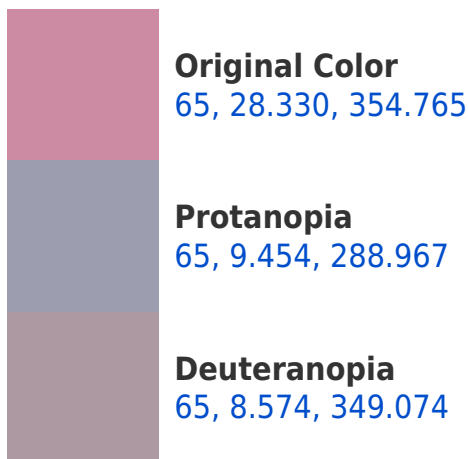


This preview shows how white text looks on a background with the CIELCh color 65, 28.330, 354.765.

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, 28.330, 354.765

Protanomaly
65, 13.713, 330.411

Deuteranomaly
65, 15.935, 351.964

Tritanomaly
65, 26.274, 2.725

Monochromacy



Original Color
65, 28.330, 354.765

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, 28.330, 354.765 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 139, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 139, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 28.330, 354.765 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, 163) }
```

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

```
.border{ border-color:rgb(204, 139, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 139, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 139, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 139,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 28.330, 354.765 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, 163) }
```

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

```
.background{ background-color: rgb(204,  
139, 163) }
```

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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