

Converting Colors

CIELCh(66, 33.750, 2.747)

Have a look what the booklet for
CIELCh(66, 33.750, 2.747) contains.

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Color

CIELCh(66, 33.794, 2.407)

Conversions

Conversions Part 1

Format	Color
Hex	DA899F
RGB	218, 137, 159
RGB Percent	85%, 54%, 62%
CMY	0.1449, 0.4625, 0.3763
CMYK	0.00, 0.37, 0.27, 0.14
HSL	344°, 52%, 70%
HSV	344°, 37%, 86%
XYZ	44.1445, 35.3238, 37.3149
YIQ	163.7270, 41.2140, 24.0140

Conversions

Conversions Part 2

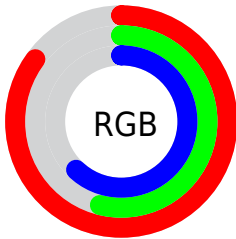
Format	Color
R _Y B	218, 137, 159
Decimal	14322079
CIE Lab	66.00, 33.76, 1.42
CIE LCh	66, 33.794, 2.407
Yxy	35.3238, 0.3780, 0.3025
Android (android.graphics.Color)	4292512159 (0xFFDA899F)
YUV	163.7270, -2.3304, 47.5974
Hunter-Lab	59.4338, 28.5716, 4.3791

Details

The CIELCh color $66, 33.794, 2.407$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $82, 29.856, 174.210$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 26.446, 354.588$, and $46, 33.496, 2.317$ is the 20% darker color. If you saturate the color by 10%, you get $61, 43.206, 4.224$, and if you desaturate by 10%, it is $71, 24.345, 0.918$.

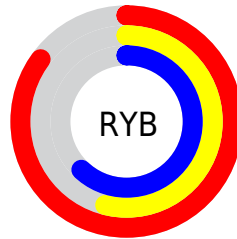
Distribution



Red (85%)

Green (54%)

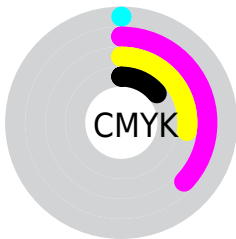
Blue (62%)



Red (85%)

Yellow (54%)

Blue (62%)

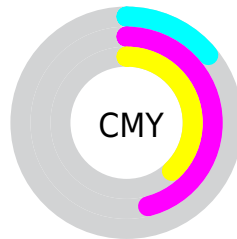


Cyan (0%)

Magenta (37%)

Yellow (27%)

Black (14%)



Cyan (14%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 33.794, 2.407 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 66, 33.794, 2.407 by changing the saturation by 10% instead.

 66, 33.794, 2.407

 66, 33.794, 2.407

 100, 33.794, 2.407

 56, 33.794, 2.407

 86, 33.794, 2.407

 46, 33.794, 2.407

 96, 33.794, 2.407

 36, 33.794, 2.407

 26, 33.794, 2.407

 16, 33.794, 2.407

 6, 33.794, 2.407

 0, 33.794, 2.407

 66, 33.794, 2.407

 66, 33.794, 2.407

 61, 43.206, 4.224

 71, 24.345, 0.918

56, 52.264, 6.480

77, 15.089,
359.661

53, 60.561, 9.327

83, 6.155, 358.550

50, 67.708, 12.936

89, 2.393, 177.931

47, 73.500, 17.438

95, 10.534,
176.953

46, 78.108, 22.784

46, 79.407, 24.317

97, 12.458,
197.148

97, 12.432,
198.675

Harmonies

Complementary

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



66, 33.794, 2.407



82, 29.856, 174.210

Rectangle

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



66, 33.794, 2.407



66, 33.794, 52.407



66, 33.794, 182.407



66, 33.794, 232.407

Sweetspot

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



66, 33.791, 2.410



93, 10.850, 358.981



65, 48.892, 317.849



48, 7.312, 359.131



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 33.791, 2.410



72, 46.790, 3.879



69, 28.470, 40.971



43, 4.937, 358.800



36, 66.514, 23.341



5, 23.835, 8.383

Inverse Universe

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



66, 33.791, 2.410



72, 46.790, 3.879



77, 21.899, 223.777



43, 4.937, 358.800



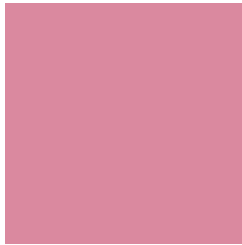
36, 66.514, 23.341



5, 23.835, 8.383

Previews

White Background



This preview shows how the CIELCh color 66, 33.794, 2.407 looks on a white background.

Color Contrast Check

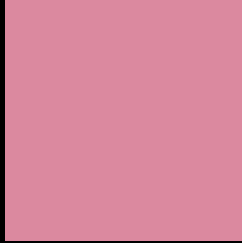
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 33.794, 2.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

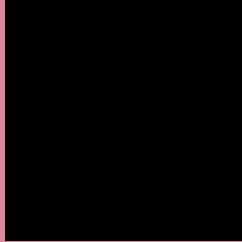
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 33.794, 2.407

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.794, 2.407.

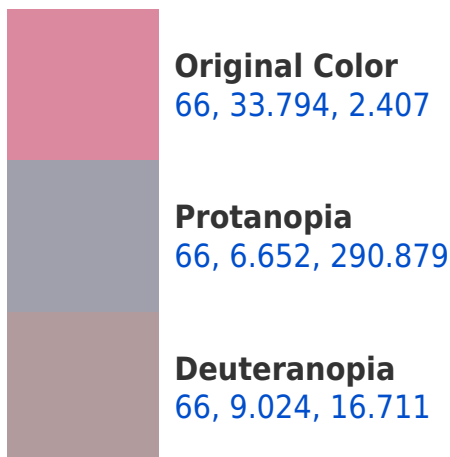


This preview shows how white text looks on a background with the CIELCh color 66, 33.794, 2.407.

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
66, 31.801, 12.980

Trichromacy



Original Color
66, 33.794, 2.407

Protanomaly
66, 13.867, 344.051

Deuteranomaly
66, 18.376, 5.660

Tritanomaly
66, 32.396, 8.362

Monochromacy



Original Color
66, 33.794, 2.407

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 12.446, 359.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.794, 2.407 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(218, 137, 159)` looks like.

```
.text, #text, p{  
    color:rgb(218, 137, 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(218, 137, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 137, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.794, 2.407 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(218, 137, 159) }
```

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

```
.border{ border-color:rgb(218, 137, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 137, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 137, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 137, 159);  
box-shadow:4px 4px 4px 4px rgb(218, 137,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.794, 2.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 137, 159) }
```

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

```
.background{ background-color: rgb(218,  
137, 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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