

Converting Colors

CIELCh(66, 27.159, 358.539)

Have a look what the booklet for
CIELCh(66, 27.159, 358.539)
contains.

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Color

CIELCh(66, 27.130, 358.519)

Conversions

Conversions Part 1

Format	Color
Hex	CE8FA3
RGB	206, 143, 163
RGB Percent	81%, 56%, 64%
CMY	0.1902, 0.4410, 0.3626
CMYK	0.00, 0.31, 0.21, 0.19
HSL	341°, 40%, 68%
HSV	341°, 31%, 81%
XYZ	41.9111, 35.3238, 39.0367
YIQ	164.1170, 31.1280, 19.5760

Conversions

Conversions Part 2

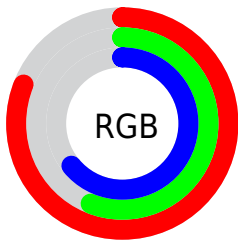
Format	Color
R _Y B	206, 143, 163
Decimal	13537187
CIE Lab	66.00, 27.12, -0.70
CIE LCh	66, 27.130, 358.519
Yxy	35.3238, 0.3605, 0.3038
Android (android.graphics.Color)	4291727267 (0xFFCE8FA3)
YUV	164.1170, -0.5507, 36.7314
Hunter-Lab	59.4338, 21.8641, 2.6614

Details

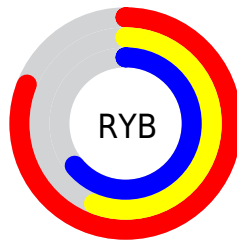
The CIELCh color $66, 27.130, 358.519$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 24.857, 172.029$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.925, 354.120$, and $46, 26.796, 358.935$ is the 20% darker color. If you saturate the color by 10%, you get $61, 36.209, 0.066$, and if you desaturate by 10%, it is $71, 18.101, 357.222$.

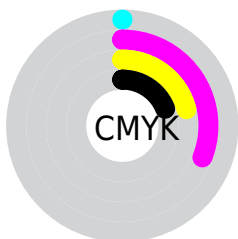
Distribution



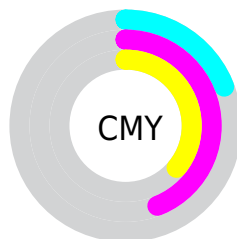
- Red (81%)
- Green (56%)
- Blue (64%)



- Red (81%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 27.130, 358.519 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, 27.130, 358.519 by changing the saturation by 10% instead.


 66, 27.130,
358.519


 66, 27.130,
358.519


 100, 27.130,
358.519


 56, 27.130,
358.519


 86, 27.130,
358.519

 46, 27.130,
358.519

 96, 27.130,
358.519

 36, 27.130,
358.519

 26, 27.130,
358.519

 16, 27.130,
358.519

 6, 27.130, 358.519

 0, 27.130, 358.519

66, 27.130,
358.519

66, 27.130,
358.519

61, 36.209, 0.066

71, 18.101,
357.222

56, 45.082, 1.946

77, 9.299, 356.093

52, 53.385, 4.283

82, 0.813, 354.588

49, 60.704, 7.234

88, 7.314, 174.404

46, 66.688, 10.974

94, 15.074,
173.613

45, 71.230, 15.631

44, 74.533, 20.438

97, 16.826,
185.485

97, 16.098,
198.436

Harmonies

Complementary

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



66, 27.130, 358.519



78, 24.857, 172.029

Rectangle

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



66, 27.130, 358.519



66, 27.130, 48.519



66, 27.130, 178.519



66, 27.130, 228.519

Sweetspot

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



66, 27.127, 358.522



94, 9.017, 355.893



65, 38.674, 316.528



49, 6.284, 356.051



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, 27.127, 358.522



76, 38.712, 359.489



68, 22.567, 37.587



40, 4.744, 355.923



35, 62.996, 19.461



4, 18.606, 4.267

Inverse Universe

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



66, 27.127, 358.522



76, 38.712, 359.489



76, 18.161, 218.737



40, 4.744, 355.923



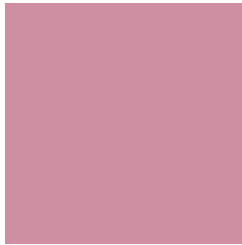
35, 62.996, 19.461



4, 18.606, 4.267

Previews

White Background



This preview shows how the CIELCh color 66, 27.130, 358.519 looks on a white background.

Color Contrast Check

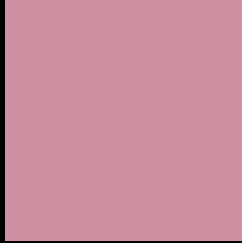
Large Text (above 18pt) WCAG AA × Fail

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 66, 27.130, 358.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

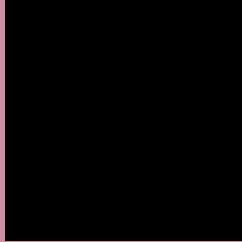
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 27.130, 358.519

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.130, 358.519.



This preview shows how white text looks on a background with the CIELCh color 66, 27.130, 358.519.

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



Original Color
66, 26.771, 358.124

Protanopia
66, 7.206, 290.935

Deuteranopia
66, 8.063, 4.259



Tritanopia
66, 25.290, 8.307

Trichromacy



Original Color
66, 26.771, 358.124

Protanomaly
66, 12.083, 337.189

Deuteranomaly
66, 15.048, 359.443

Tritanomaly
66, 26.066, 3.829

Monochromacy



Original Color
66, 26.771, 358.124

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.686, 356.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.130, 358.519 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, 143, 163)` looks like.

```
.text, #text, p{  
    color:rgb(206, 143, 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(206, 143, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 143, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.130, 358.519 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, 143, 163) }
```

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

```
.border{ border-color:rgb(206, 143, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 143, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 143, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 143, 163);  
box-shadow:4px 4px 4px 4px rgb(206, 143,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.130, 358.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 143, 163) }
```

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

```
.background{ background-color: rgb(206,  
143, 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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