

Converting Colors

CIELCh(63, 36.044, 351.266)

Have a look what the booklet for
CIELCh(63, 36.044, 351.266)
contains.

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Color

CIELCh(63, 36.002, 351.244)

Conversions

Conversions Part 1

Format	Color
Hex	D080A3
RGB	208, 128, 163
RGB Percent	82%, 50%, 64%
CMY	0.1834, 0.4972, 0.3600
CMYK	0.00, 0.38, 0.22, 0.18
HSL	334°, 46%, 66%
HSV	334°, 38%, 82%
XYZ	40.4517, 31.5869, 38.7136
YIQ	155.9100, 36.4450, 27.8450

Conversions

Conversions Part 2

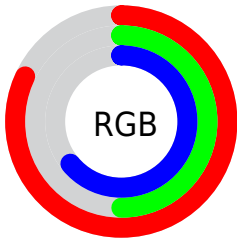
Format	Color
R _Y B	208, 128, 163
Decimal	13664419
CIE Lab	63.00, 35.58, -5.48
CIE LCh	63, 36.002, 351.244
Yxy	31.5869, 0.3652, 0.2852
Android (android.graphics.Color)	4291854499 (0xFFD080A3)
YUV	155.9100, 3.4954, 45.6829
Hunter-Lab	56.2022, 30.1220, -1.4990

Details

The CIELCh color $63, 36.002, 351.244$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 33.791, 163.300$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 32.544, 346.715$, and $43, 35.860, 351.682$ is the 20% darker color. If you saturate the color by 10%, you get $58, 45.138, 352.753$, and if you desaturate by 10%, it is $68, 26.540, 349.966$.

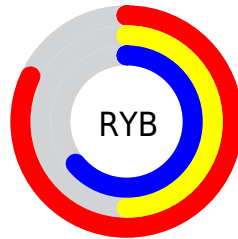
Distribution



Red (82%)

Green (50%)

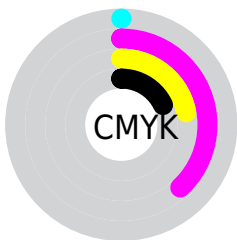
Blue (64%)



Red (82%)

Yellow (50%)

Blue (64%)

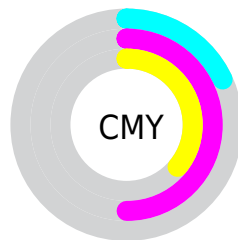


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (18%)



Cyan (18%)


Magenta (50%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 36.002, 351.244 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 63, 36.002, 351.244 by changing the saturation by 10% instead.


 63, 36.002,
351.244


 63, 36.002,
351.244


 100, 36.002,
351.244


 53, 36.002,
351.244


 83, 36.002,
351.244

 43, 36.002,
351.244

 93, 36.002,
351.244

 33, 36.002,
351.244

 23, 36.002,
351.244

 13, 36.002,
351.244

 3, 36.002, 351.244

 0, 36.002, 351.244

63, 36.002,
351.244

63, 36.002,
351.244

58, 45.138,
352.753

68, 26.540,
349.966

54, 53.567,
354.576

73, 17.043,
348.854

51, 60.816,
356.832

79, 7.692, 347.851

48, 66.432,
359.679

84, 1.406, 167.354

46, 70.147, 3.291

90, 10.195,
166.300

45, 72.201, 7.746

96, 18.656,
165.567

45, 72.505, 8.472

97, 16.717,
180.890

97, 15.556,
198.471

Harmonies

Complementary

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



63, 36.002, 351.244



78, 33.791, 163.300

Rectangle

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



63, 36.002, 351.244



63, 36.002, 41.244



63, 36.002, 171.244



63, 36.002, 221.244

Sweetspot

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



63, 35.999, 351.246



92, 12.979, 348.216



61, 47.433, 312.593



48, 8.624, 348.347



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 35.999, 351.246



72, 50.628, 352.448



63, 32.165, 26.623



41, 5.204, 347.947



36, 61.856, 7.659



5, 21.259, 357.883

Inverse Universe

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



63, 35.999, 351.246



72, 50.628, 352.448



78, 24.344, 202.777



41, 5.204, 347.947



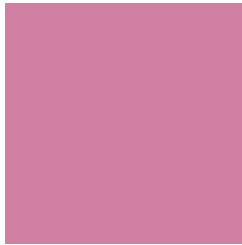
36, 61.856, 7.659



5, 21.259, 357.883

Previews

White Background



This preview shows how the CIELCh color 63, 36.002, 351.244 looks on a white background.

Color Contrast Check

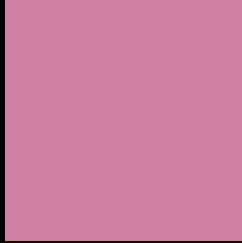
Large Text (above 18pt) WCAG AA × Fail

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 63, 36.002, 351.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

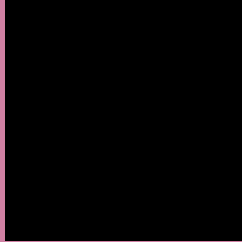
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 36.002, 351.244

Background



This preview shows how black text looks on a background with the CIELCh color 63, 36.002, 351.244.

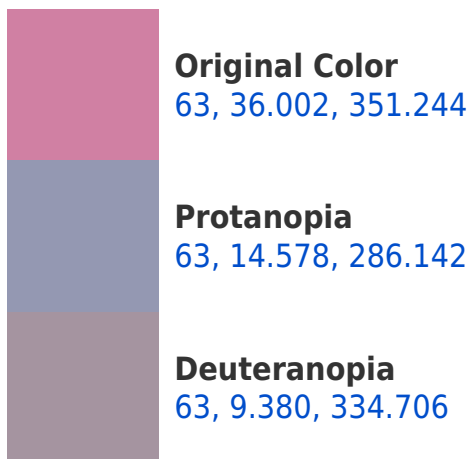


This preview shows how white text looks on a background with the CIELCh color 63, 36.002, 351.244.

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
63, 30.462, 12.428

Trichromacy



Original Color
63, 36.002, 351.244

Protanomaly
63, 19.637, 322.535

Deuteranomaly
63, 19.016, 345.581

Tritanomaly
63, 31.815, 3.900

Monochromacy



Original Color
63, 36.002, 351.244

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.361, 347.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 36.002, 351.244 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(208, 128, 163)` looks like.

```
.text, #text, p{  
    color:rgb(208, 128, 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(208, 128, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 128, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 36.002, 351.244 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(208, 128, 163) }
```

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

```
.border{ border-color:rgb(208, 128, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 128, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 128, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 128, 163);  
box-shadow:4px 4px 4px 4px rgb(208, 128,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 36.002, 351.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 128, 163) }
```

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

```
.background{ background-color: rgb(208,  
128, 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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