

Converting Colors

CIELCh(66, 31.665, 9.669)

Have a look what the booklet for
CIELCh(66, 31.665, 9.669) contains.

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Color

CIELCh(66, 31.477, 9.831)

Conversions

Conversions Part 1

Format	Color
Hex	D88B98
RGB	216, 139, 152
RGB Percent	85%, 55%, 60%
CMY	0.1530, 0.4549, 0.4040
CMYK	0.00, 0.36, 0.30, 0.15
HSL	350°, 50%, 70%
HSV	350°, 36%, 85%
XYZ	43.2108, 35.3238, 34.2400
YIQ	163.5050, 41.7190, 20.3670

Conversions

Conversions Part 2

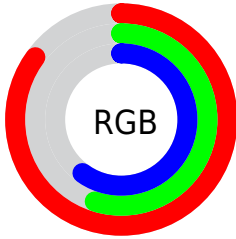
Format	Color
R _Y B	216, 139, 152
Decimal	14191512
CIE Lab	66.00, 31.01, 5.37
CIE LCh	66, 31.477, 9.831
Yxy	35.3238, 0.3832, 0.3132
Android (android.graphics.Color)	4292381592 (0xFFD88B98)
YUV	163.5050, -5.6720, 46.0381
Hunter-Lab	59.4338, 25.7675, 7.4466

Details

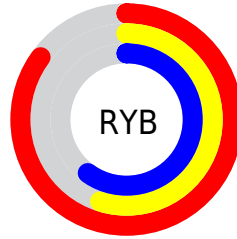
The CIELCh color **66, 31.477, 9.831** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 26.660, 182.426**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.163, 5.115**, and **46, 31.198, 10.188** is the 20% darker color. If you saturate the color by 10%, you get **61, 41.018, 11.665**, and if you desaturate by 10%, it is **71, 22.130, 8.355**.

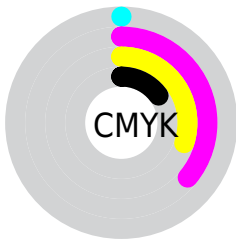
Distribution



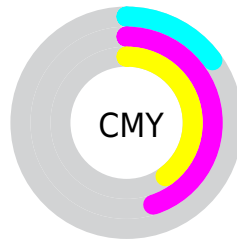
- Red (85%)
- Green (55%)
- Blue (60%)



- Red (85%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (36%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 31.477, 9.831 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, 31.477, 9.831 by changing the saturation by 10% instead.

 66, 31.477, 9.831  66, 31.477, 9.831

 100, 31.477, 9.831  56, 31.477, 9.831

 86, 31.477, 9.831  46, 31.477, 9.831

 96, 31.477, 9.831  36, 31.477, 9.831

 26, 31.477, 9.831

 16, 31.477, 9.831

 6, 31.477, 9.831

 0, 31.477, 9.831

 66, 31.477, 9.831  66, 31.477, 9.831

 61, 41.018, 11.665  71, 22.130, 8.355

■ 56, 50.501, 13.970

■ 77, 13.149, 7.131

■ 52, 59.586, 16.892

■ 83, 4.615, 6.045

■ 49, 67.923, 20.573

■ 89, 3.446, 185.466

■ 47, 75.277, 25.061

■ 95, 11.040,
184.617

■ 46, 81.595, 30.154

■ 97, 13.097,
198.631

■ 45, 84.173, 32.278

Harmonies

Complementary

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



66, 31.477, 9.831



81, 26.660, 182.426

Rectangle

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



66, 31.477, 9.831



66, 31.477, 59.831



66, 31.477, 189.831



66, 31.477, 239.831

Sweetspot

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



66, 31.474, 9.834



93, 10.443, 6.633



66, 47.499, 320.894



48, 7.044, 6.780



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, 31.474, 9.834



72, 44.063, 11.218



71, 25.889, 51.304



42, 4.655, 6.453



35, 70.054, 31.370



5, 22.015, 12.249

Inverse Universe

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



66, 31.474, 9.834



72, 44.063, 11.218



75, 20.921, 237.728



42, 4.655, 6.453



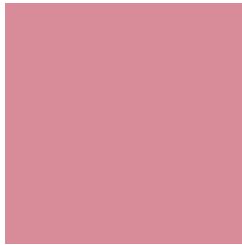
35, 70.054, 31.370



5, 22.015, 12.249

Previews

White Background



This preview shows how the CIELCh color 66, 31.477, 9.831 looks on a white background.

Color Contrast Check

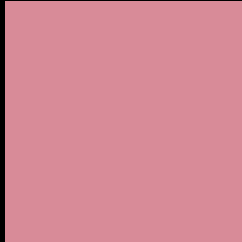
Large Text (above 18pt) WCAG AA × Fail

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, 31.477, 9.831 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, 31.477, 9.831

Background



This preview shows how black text looks on a background with the CIELCh color 66, 31.477, 9.831.



This preview shows how white text looks on a background with the CIELCh color 66, 31.477, 9.831.

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, 31.477, 9.831

Protanopia
66, 2.508, 317.329

Deuteranopia
66, 10.910, 37.836



Tritanopia
66, 31.414, 11.811

Trichromacy



Original Color
66, 31.477, 9.831

Protanomaly
66, 12.475, 359.913

Deuteranomaly
66, 18.057, 19.406

Tritanomaly
66, 31.440, 10.820

Monochromacy



Original Color
66, 31.477, 9.831

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 11.264, 6.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 31.477, 9.831 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(216, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(216, 139, 152)  
}
```

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(216, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 139, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 31.477, 9.831 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(216, 139, 152) }
```

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

```
.border{ border-color:rgb(216, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(216, 139,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 31.477, 9.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 139, 152) }
```

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

```
.background{ background-color: rgb(216,  
139, 152) }
```

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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