

Converting Colors

CIELCh(66, 31.870, 2.611)

Have a look what the booklet for
CIELCh(66, 31.870, 2.611) contains.

CIELCh(66, 31.645, 2.728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 31.645, 2.728)

Conversions

Conversions Part 1

Format	Color
Hex	D78B9F
RGB	215, 139, 159
RGB Percent	84%, 55%, 62%
CMY	0.1577, 0.4556, 0.3772
CMYK	0.00, 0.35, 0.26, 0.16
HSL	344°, 49%, 69%
HSV	344°, 35%, 84%
XYZ	43.4115, 35.3238, 37.2455
YIQ	164.0040, 38.8760, 22.3320

Conversions

Conversions Part 2

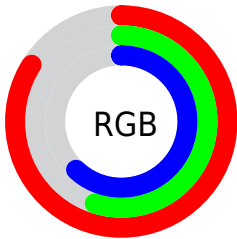
Format	Color
R _Y B	215, 139, 159
Decimal	14125983
CIE Lab	66.00, 31.61, 1.51
CIE LCh	66, 31.645, 2.728
Yxy	35.3238, 0.3743, 0.3046
Android (android.graphics.Color)	4292316063 (0xFFD78B9F)
YUV	164.0040, -2.4670, 44.7235
Hunter-Lab	59.4338, 26.3703, 4.4484

Details

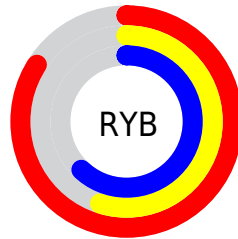
The CIELCh color **66, 31.645, 2.728** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 28.035, 175.036**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.343, 355.877**, and **46, 31.667, 2.806** is the 20% darker color. If you saturate the color by 10%, you get **61, 40.975, 4.488**, and if you desaturate by 10%, it is **71, 22.340, 1.283**.

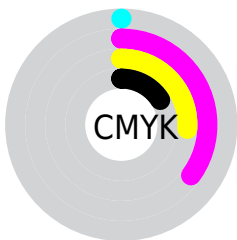
Distribution



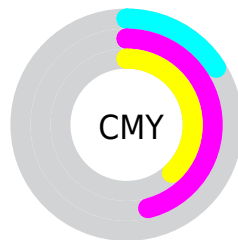
- Red (84%)
- Green (55%)
- Blue (62%)



- Red (84%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (16%)




- Cyan (16%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 31.645, 2.728 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, 31.645, 2.728 by changing the saturation by 10% instead.

 66, 31.645, 2.728  66, 31.645, 2.728

 100, 31.645, 2.728  56, 31.645, 2.728

 86, 31.645, 2.728  46, 31.645, 2.728

 96, 31.645, 2.728  36, 31.645, 2.728

 26, 31.645, 2.728

 16, 31.645, 2.728

 6, 31.645, 2.728

 0, 31.645, 2.728

 66, 31.645, 2.728  66, 31.645, 2.728

 61, 40.975, 4.488  71, 22.340, 1.283

■ 56, 50.039, 6.667

■ 77, 13.267, 0.058

■ 52, 58.450, 9.413

■ 83, 4.535, 358.949

■ 49, 65.817, 12.892

■ 89, 3.804, 178.302

■ 47, 71.892, 17.248

■ 95, 11.736,
177.419

■ 46, 76.745, 22.478

■ 97, 13.537,
195.934

■ 45, 78.864, 24.982

■ 97, 13.477,
198.606

Harmonies

Complementary

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



66, 31.645, 2.728



81, 28.035, 175.036

Rectangle

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



66, 31.645, 2.728



66, 31.645, 52.728



66, 31.645, 182.728



66, 31.645, 232.728

Sweetspot

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



66, 31.642, 2.731



93, 10.810, 359.583



66, 46.127, 318.297



48, 7.285, 359.733



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, 31.642, 2.731



73, 43.507, 3.929



70, 26.347, 42.612



42, 4.823, 359.399



36, 66.060, 23.995



5, 22.175, 8.040

Inverse Universe

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



66, 31.642, 2.731



73, 43.507, 3.929



76, 20.656, 225.909



42, 4.823, 359.399



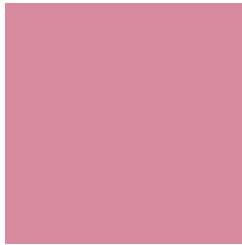
36, 66.060, 23.995



5, 22.175, 8.040

Previews

White Background



This preview shows how the CIELCh color 66, 31.645, 2.728 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, 31.645, 2.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

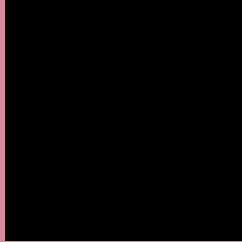
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 31.645, 2.728

Background



This preview shows how black text looks on a background with the CIELCh color 66, 31.645, 2.728.



This preview shows how white text looks on a background with the CIELCh color 66, 31.645, 2.728.

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, 31.645, 2.728

Protanopia

66, 6.115, 294.296

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 30.179, 11.193

Trichromacy



Original Color
66, 31.645, 2.728

Protanomaly
66, 13.867, 344.051

Deuteranomaly
66, 17.087, 6.209

Tritanomaly
66, 30.315, 8.111

Monochromacy



Original Color
66, 31.645, 2.728

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 11.154, 0.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 31.645, 2.728 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(215, 139, 159)` looks like.

```
.text, #text, p{  
    color:rgb(215, 139, 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(215, 139, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 139, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 31.645, 2.728 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(215, 139, 159) }
```

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

```
.border{ border-color:rgb(215, 139, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 139, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 139, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 139, 159);  
box-shadow:4px 4px 4px 4px rgb(215, 139,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 31.645, 2.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 139, 159) }
```

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

```
.background{ background-color: rgb(215,  
139, 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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