

Converting Colors

CIELCh(65, 31.604, 348.029)

Have a look what the booklet for
CIELCh(65, 31.604, 348.029)
contains.

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Color

CIELCh(65, 31.788, 348.104)

Conversions

Conversions Part 1

Format	Color
Hex	CE89AA
RGB	206, 137, 170
RGB Percent	81%, 54%, 67%
CMY	0.1910, 0.4616, 0.3322
CMYK	0.00, 0.33, 0.17, 0.19
HSL	331°, 41%, 67%
HSV	331°, 33%, 81%
XYZ	41.8035, 34.0472, 42.5385
YIQ	161.3930, 30.5310, 24.8910

Conversions

Conversions Part 2

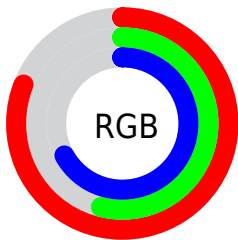
Format	Color
R _Y B	206, 137, 170
Decimal	13535658
CIE Lab	65.00, 31.11, -6.55
CIE LCh	65, 31.788, 348.104
Yxy	34.0472, 0.3531, 0.2876
Android (android.graphics.Color)	4291725738 (0xFFCE89AA)
YUV	161.3930, 4.2433, 39.1203
Hunter-Lab	58.3500, 25.7699, -2.3788

Details

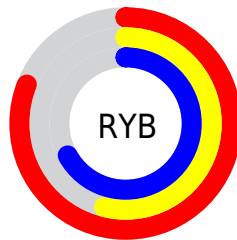
The CIELCh color $65, 31.788, 348.104$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 30.369, 161.638$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 29.164, 344.215$, and $45, 31.597, 347.841$ is the 20% darker color. If you saturate the color by 10%, you get $60, 41.186, 349.402$, and if you desaturate by 10%, it is $70, 22.175, 346.981$.

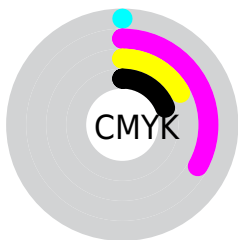
Distribution



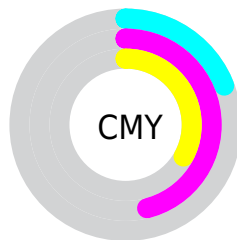
- Red (81%)
- Green (54%)
- Blue (67%)



- Red (81%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (46%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 31.788, 348.104 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 65, 31.788, 348.104 by changing the saturation by 10% instead.


 65, 31.788,
348.104


 65, 31.788,
348.104


 100, 31.788,
348.104


 55, 31.788,
348.104


 85, 31.788,
348.104

 45, 31.788,
348.104

 95, 31.788,
348.104

 35, 31.788,
348.104

 25, 31.788,
348.104

 15, 31.788,
348.104

 5, 31.788, 348.104

 0, 31.788, 348.104

65, 31.788,
348.104

65, 31.788,
348.104

60, 41.186,
349.402

70, 22.175,
346.981

56, 50.031,
350.934

75, 12.595,
345.979

52, 57.875,
352.790

81, 3.195, 344.998

49, 64.226,
355.096

87, 5.938, 164.403

92, 14.763,
163.632

46, 68.682,
358.008

96, 19.831,
166.845

45, 71.122, 1.692

97, 17.229,
182.141

44, 72.017, 4.460

97, 16.159,
198.432

Harmonies

Complementary

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



65, 31.788, 348.104



78, 30.369, 161.638

Rectangle

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



65, 31.788, 348.104



65, 31.788, 38.104



65, 31.788, 168.104



65, 31.788, 218.104

Sweetspot

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



65, 31.785, 348.106



93, 11.072, 345.664



63, 40.616, 311.258



49, 7.567, 345.798



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 31.785, 348.106



75, 45.100, 348.997



64, 28.094, 23.538



40, 5.235, 345.594



35, 61.246, 3.685



4, 19.710, 354.883

Inverse Universe

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



65, 31.785, 348.106



75, 45.100, 348.997



78, 22.241, 199.409



40, 5.235, 345.594



35, 61.246, 3.685



4, 19.710, 354.883

Previews

White Background



This preview shows how the CIELCh color 65, 31.788, 348.104 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 65, 31.788, 348.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

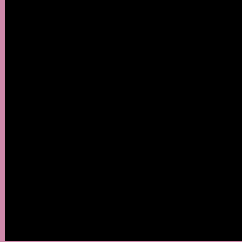
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 31.788, 348.104

Background



This preview shows how black text looks on a background with the CIELCh color 65, 31.788, 348.104.




This preview shows how white text looks on a background with the CIELCh color 65, 31.788, 348.104.

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
65, 25.721, 9.842

Trichromacy



Original Color
65, 31.788, 348.104

Protanomaly
65, 17.820, 320.138

Deuteranomaly
65, 18.006, 340.963

Tritanomaly
65, 27.282, 1.159

Monochromacy



Original Color
65, 31.788, 348.104

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 11.679, 345.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 31.788, 348.104 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, 137, 170)` looks like.

```
.text, #text, p{  
    color:rgb(206, 137, 170)  
}
```

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, 137, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 137, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 31.788, 348.104 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, 137, 170) }
```

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

```
.border{ border-color:rgb(206, 137, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 137, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 137, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 137, 170);  
box-shadow:4px 4px 4px 4px rgb(206, 137,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 31.788, 348.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 137, 170) }
```

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

```
.background{ background-color: rgb(206,  
137, 170) }
```

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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