

Converting Colors

CIELCh(65, 26.562, 4.300)

Have a look what the booklet for
CIELCh(65, 26.562, 4.300) contains.

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Color

CIELCh(65, 26.538, 4.218)

Conversions

Conversions Part 1

Format	Color
Hex	CC8C9B
RGB	204, 140, 155
RGB Percent	80%, 55%, 61%
CMY	0.1992, 0.4502, 0.3914
CMYK	0.00, 0.31, 0.24, 0.20
HSL	346°, 39%, 68%
HSV	346°, 31%, 80%
XYZ	40.2920, 34.0472, 35.5388
YIQ	160.8460, 33.3290, 18.2330

Conversions

Conversions Part 2

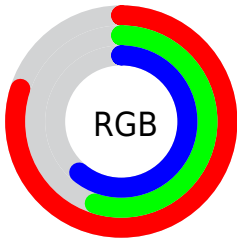
Format	Color
R_{YB}	204, 140, 155
Decimal	13405339
CIE _{Lab}	65.00, 26.47, 1.95
CIE _{LCh}	65, 26.538, 4.218
Yxy	34.0472, 0.3667, 0.3099
Android (android.graphics.Color)	4291595419 (0xFFCC8C9B)
YUV	160.8460, -2.8821, 37.8461
Hunter-Lab	58.3500, 21.1461, 4.7336

Details

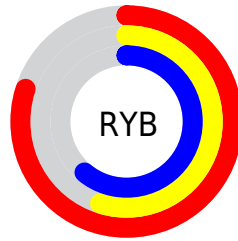
The CIELCh color **65, 26.538, 4.218** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 23.605, 177.664**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.012, 2.379**, and **45, 26.378, 3.949** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.517, 5.858**, and if you desaturate by 10%, it is **70, 17.717, 2.866**.

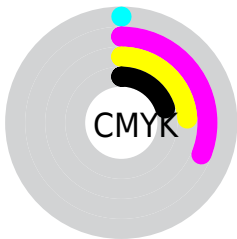
Distribution



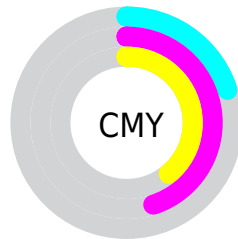
- Red (80%)
- Green (55%)
- Blue (61%)



- Red (80%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 26.538, 4.218 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, 26.538, 4.218 by changing the saturation by 10% instead.

65, 26.538, 4.218

65, 26.538, 4.218

100, 26.538, 4.218

55, 26.538, 4.218

85, 26.538, 4.218

45, 26.538, 4.218

95, 26.538, 4.218

35, 26.538, 4.218

25, 26.538, 4.218

15, 26.538, 4.218

5, 26.538, 4.218

0, 26.538, 4.218

65, 26.538, 4.218

65, 26.538, 4.218

60, 35.517, 5.858

70, 17.717, 2.866

■ 55, 44.429, 7.878

■ 76, 9.204, 1.709

■ 51, 52.947, 10.416

■ 81, 1.069, 0.322

■ 48, 60.701, 13.629

■ 87, 6.661, 180.031

■ 45, 67.390, 17.665

■ 93, 13.991,
179.250

■ 44, 72.934, 22.567

■ 97, 17.351,
188.092

■ 43, 77.156, 27.188

■ 97, 16.811,
198.390

Harmonies

Complementary

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



65, 26.538, 4.218



78, 23.605, 177.664

Rectangle

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



65, 26.538, 4.218



65, 26.538, 54.218



65, 26.538, 184.218



65, 26.538, 234.218

Sweetspot

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



65, 26.536, 4.221



94, 8.696, 1.467



65, 39.332, 318.644



49, 6.064, 1.627



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, 26.536, 4.221



75, 38.954, 5.356



68, 21.858, 44.359



40, 4.576, 1.497



34, 65.617, 26.267



4, 18.315, 8.030

Inverse Universe

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



65, 26.536, 4.221



75, 38.954, 5.356



74, 17.779, 227.766



40, 4.576, 1.497



34, 65.617, 26.267



4, 18.315, 8.030

Previews

White Background



This preview shows how the CIELCh color 65, 26.538, 4.218 looks on a white background.

Color Contrast Check

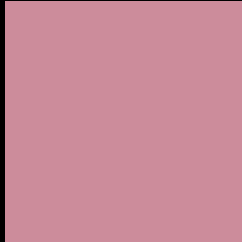
Large Text (above 18pt) WCAG AA × Fail

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, 26.538, 4.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

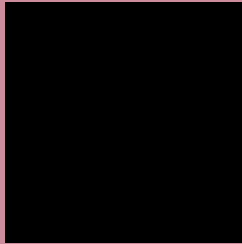
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.538, 4.218

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.538, 4.218.



This preview shows how white text looks on a background with the CIELCh color 65, 26.538, 4.218.

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

65, 26.538, 4.218

Protanopia

65, 4.525, 300.203

Deuteranopia

65, 8.651, 20.168



Tritanopia
65, 25.777, 8.633

Trichromacy



Original Color
65, 26.538, 4.218

Protanomaly
65, 10.808, 349.608

Deuteranomaly
65, 15.358, 8.502

Tritanomaly
65, 25.846, 7.430

Monochromacy



Original Color
65, 26.538, 4.218

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 9.900, 0.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.538, 4.218 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(204, 140, 155)` looks like.

```
.text, #text, p{  
    color:rgb(204, 140, 155)  
}
```

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(204, 140, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 140, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.538, 4.218 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(204, 140, 155) }
```

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

```
.border{ border-color:rgb(204, 140, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 140, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 140, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 140, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 140,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.538, 4.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 140, 155) }
```

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

```
.background{ background-color: rgb(204,  
140, 155) }
```

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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