

Converting Colors

CIELCh(65, 24.849, 6.618)

Have a look what the booklet for
CIELCh(65, 24.849, 6.618) contains.

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Color

CIELCh(65, 25.153, 5.624)

Conversions

Conversions Part 1

Format	Color
Hex	CA8D9A
RGB	202, 141, 154
RGB Percent	79%, 55%, 60%
CMY	0.2069, 0.4462, 0.3952
CMYK	0.00, 0.30, 0.24, 0.21
HSL	347°, 37%, 67%
HSV	347°, 30%, 79%
XYZ	39.8322, 34.0472, 35.1430
YIQ	160.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

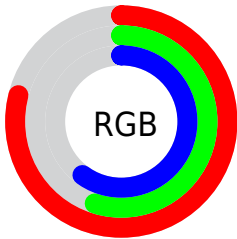
Format	Color
R _Y B	202, 141, 154
Decimal	13274522
CIE Lab	65.00, 25.03, 2.46
CIE LCh	65, 25.153, 5.624
Yxy	34.0472, 0.3654, 0.3123
Android (android.graphics.Color)	4291464602 (0xFFCA8D9A)
YUV	160.7210, -3.3135, 36.2017
Hunter-Lab	58.3500, 19.7395, 5.1358

Details

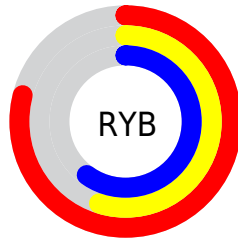
The CIELCh color **65, 25.153, 5.624** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 22.301, 179.432**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.388, 4.488**, and **45, 25.337, 5.707** is the 20% darker color. If you saturate the color by 10%, you get **60, 34.065, 7.235**, and if you desaturate by 10%, it is **70, 16.452, 4.298**.

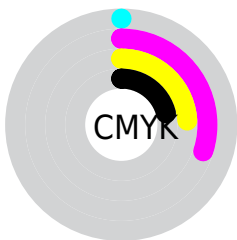
Distribution



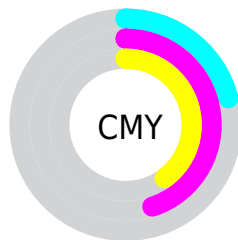
- Red (79%)
- Green (55%)
- Blue (60%)



- Red (79%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (21%)





- Cyan (21%)
- Magenta (45%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 25.153, 5.624 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, 25.153, 5.624 by changing the saturation by 10% instead.

 65, 25.153, 5.624  65, 25.153, 5.624

 100, 25.153, 5.624  55, 25.153, 5.624

 85, 25.153, 5.624  45, 25.153, 5.624

 95, 25.153, 5.624  35, 25.153, 5.624

 25, 25.153, 5.624

 15, 25.153, 5.624

 5, 25.153, 5.624

 0, 25.153, 5.624

 65, 25.153, 5.624  65, 25.153, 5.624

 60, 34.065, 7.235  70, 16.452, 4.298

■ 55, 42.983, 9.223

■ 76, 8.093, 3.161

■ 51, 51.605, 11.720

■ 81, 0.134, 358.474

■ 48, 59.576, 14.883

■ 87, 7.409, 181.531

■ 45, 66.587, 18.852

■ 93, 14.547,
180.779

■ 43, 72.523, 23.664

■ 96, 17.862,
189.564

■ 42, 77.626, 28.831

■ 97, 17.414,
198.351

Harmonies

Complementary

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



65, 25.153, 5.624



77, 22.301, 179.432

Rectangle

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



65, 25.153, 5.624



65, 25.153, 55.624



65, 25.153, 185.624



65, 25.153, 235.624

Sweetspot

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



65, 25.151, 5.627



94, 8.624, 3.048



65, 37.823, 319.628



49, 6.015, 3.207



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, 25.151, 5.627



77, 36.644, 6.606



69, 20.507, 47.952



40, 4.538, 3.078



34, 66.481, 27.965



4, 18.251, 9.036

Inverse Universe

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



65, 25.151, 5.627



77, 36.644, 6.606



73, 17.001, 232.238



40, 4.538, 3.078



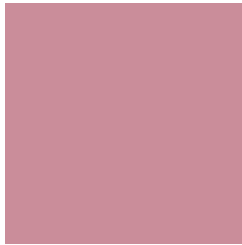
34, 66.481, 27.965



4, 18.251, 9.036

Previews

White Background



This preview shows how the CIELCh color 65, 25.153, 5.624 looks on a white background.

Color Contrast Check

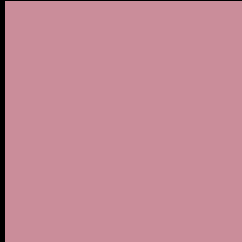
Large Text (above 18pt) WCAG AA × Fail

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, 25.153, 5.624 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, 25.153, 5.624

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.153, 5.624.



This preview shows how white text looks on a background with the CIELCh color 65, 25.153, 5.624.

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, 25.153, 5.624

Protanopia

65, 3.435, 303.228

Deuteranopia

65, 9.091, 23.676



Tritanopia
65, 24.498, 9.062

Trichromacy



Original Color
65, 25.153, 5.624

Protanomaly
65, 10.549, 352.220

Deuteranomaly
65, 14.814, 12.306

Tritanomaly
65, 24.565, 7.796

Monochromacy



Original Color
65, 25.153, 5.624

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.982, 2.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.153, 5.624 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(202, 141, 154)` looks like.

```
.text, #text, p{  
    color:rgb(202, 141, 154)  
}
```

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(202, 141, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 141, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.153, 5.624 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(202, 141, 154) }
```

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

```
.border{ border-color:rgb(202, 141, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 141, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 141, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 141, 154);  
box-shadow:4px 4px 4px 4px rgb(202, 141,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.153, 5.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 141, 154) }
```

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

```
.background{ background-color: rgb(202,  
141, 154) }
```

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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