

Converting Colors

CIELCh(65, 23.963, 350.002)

Have a look what the booklet for
CIELCh(65, 23.963, 350.002)
contains.

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Color

CIELCh(65, 23.963, 350.002)

Conversions

Conversions Part 1

Format	Color
Hex	C48FA6
RGB	196, 143, 166
RGB Percent	77%, 56%, 65%
CMY	0.2321, 0.4399, 0.3497
CMYK	0.00, 0.27, 0.15, 0.23
HSL	334°, 31%, 66%
HSV	334°, 27%, 77%
XYZ	39.3764, 34.0472, 40.4843
YIQ	161.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

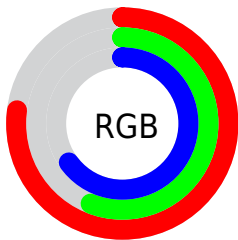
Format	Color
RYB	196, 143, 166
Decimal	12881830
CIELab	65.00, 23.60, -4.16
CIElCh	65, 23.963, 350.002
Yxy	34.0472, 0.3457, 0.2989
Android (android.graphics.Color)	4291071910 (0xFFC48FA6)
YUV	161.4690, 2.2338, 30.2837
Hunter-Lab	58.3500, 18.3450, -0.2916

Details

The CIELCh color $65, 23.963, 350.002$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 22.890, 164.826$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.960, 349.815$, and $45, 23.823, 349.905$ is the 20% darker color. If you saturate the color by 10%, you get $60, 32.966, 351.256$, and if you desaturate by 10%, it is $70, 14.953, 348.912$.

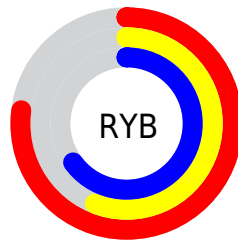
Distribution



Red (77%)

Green (56%)

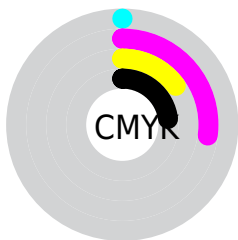
Blue (65%)



Red (77%)

Yellow (56%)

Blue (65%)

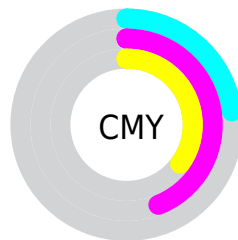


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.963, 350.002 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, 23.963, 350.002 by changing the saturation by 10% instead.


 65, 23.963,
350.002


 65, 23.963,
350.002


 100, 23.963,
350.002


 55, 23.963,
350.002


 85, 23.963,
350.002

 45, 23.963,
350.002

 95, 23.963,
350.002

 35, 23.963,
350.002

 25, 23.963,
350.002

 15, 23.963,
350.002

 5, 23.963, 350.002

 0, 23.963, 350.002

65, 23.963,
350.002

65, 23.963,
350.002

60, 32.966,
351.256

70, 14.953,
348.912

56, 41.720,
352.726

75, 6.104, 347.916

81, 2.493, 167.301

52, 49.870,
354.496

86, 10.792,
166.398

48, 56.982,
356.679

92, 18.778,
165.678

45, 62.618,
359.425

96, 23.504,
168.240

43, 66.484, 2.908

96, 20.811,
181.443

42, 68.679, 7.247

42, 69.251, 8.589

96, 19.400,
197.441

■ 96, 19.371,
198.227

Harmonies

Complementary

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



65, 23.963, 350.002



75, 22.890, 164.826

Rectangle

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



65, 23.963, 350.002



65, 23.963, 40.002



65, 23.963, 170.002



65, 23.963, 220.002

Sweetspot

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



65, 23.961, 350.004



95, 8.585, 348.022



64, 31.446, 312.023



50, 6.115, 348.172



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, 23.961, 350.004



80, 35.229, 350.663



65, 20.613, 25.407



38, 4.877, 348.143



34, 59.774, 7.792



3, 15.317, 356.227

Inverse Universe

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



65, 23.961, 350.004



80, 35.229, 350.663



75, 17.107, 202.972



38, 4.877, 348.143



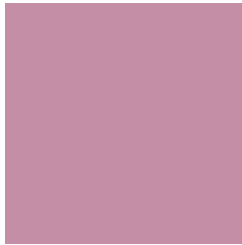
34, 59.774, 7.792



3, 15.317, 356.227

Previews

White Background



This preview shows how the CIELCh color 65, 23.963, 350.002 looks on a white background.

Color Contrast Check

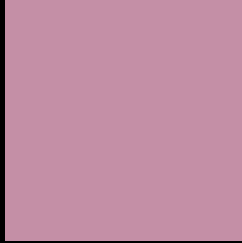
Large Text (above 18pt) WCAG AA × Fail

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, 23.963, 350.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

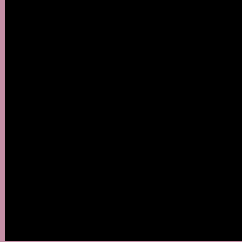
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 23.963, 350.002

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.963, 350.002.

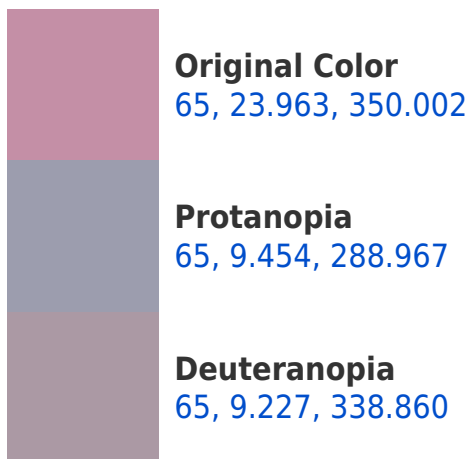


This preview shows how white text looks on a background with the CIELCh color 65, 23.963, 350.002.

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, 20.595, 4.468

Trichromacy



Original Color
65, 23.963, 350.002

Protanomaly
65, 12.596, 323.571

Deuteranomaly
65, 14.844, 344.222

Tritanomaly
65, 21.730, 357.776

Monochromacy



Original Color
65, 23.963, 350.002

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.176, 347.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.963, 350.002 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(196, 143, 166)` looks like.

```
.text, #text, p{  
    color:rgb(196, 143, 166)  
}
```

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(196, 143, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 143, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.963, 350.002 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(196, 143, 166) }
```

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

```
.border{ border-color:rgb(196, 143, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 143, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 143, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 143, 166);  
box-shadow:4px 4px 4px 4px rgb(196, 143,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.963, 350.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 143, 166) }
```

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

```
.background{ background-color: rgb(196,  
143, 166) }
```

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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