

Converting Colors

CIELCh(65, 23.243, 345.369)

Have a look what the booklet for
CIELCh(65, 23.243, 345.369)
contains.

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Color

CIELCh(65, 23.219, 345.356)

Conversions

Conversions Part 1

Format	Color
Hex	C190A9
RGB	193, 144, 169
RGB Percent	76%, 56%, 66%
CMY	0.2440, 0.4361, 0.3381
CMYK	0.00, 0.25, 0.12, 0.24
HSL	329°, 28%, 66%
HSV	329°, 25%, 76%
XYZ	39.0180, 34.0472, 41.9455
YIQ	161.5010, 21.1790, 18.1630

Conversions

Conversions Part 2

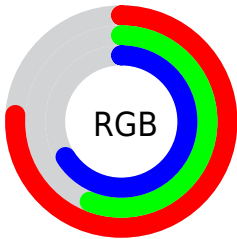
Format	Color
R_{YB}	193, 144, 169
Decimal	12685481
CIE _{Lab}	65.00, 22.46, -5.87
CIE _{LCh}	65, 23.219, 345.356
Yxy	34.0472, 0.3393, 0.2960
Android (android.graphics.Color)	4290875561 (0xFFC190A9)
YUV	161.5010, 3.6970, 27.6246
Hunter-Lab	58.3500, 17.2486, -1.7762

Details

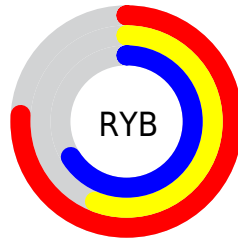
The CIELCh color $65, 23.219, 345.356$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 22.535, 160.844$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.252, 345.493$, and $45, 23.375, 345.441$ is the 20% darker color. If you saturate the color by 10%, you get $60, 32.435, 346.451$, and if you desaturate by 10%, it is $70, 13.967, 344.382$.

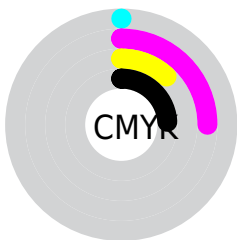
Distribution



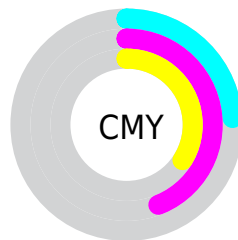
- Red (76%)
- Green (56%)
- Blue (66%)



- Red (76%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 23.219, 345.356 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, 23.219, 345.356 by changing the saturation by 10% instead.


 65, 23.219,
345.356


 65, 23.219,
345.356


 100, 23.219,
345.356


 55, 23.219,
345.356


 85, 23.219,
345.356


 45, 23.219,
345.356


 95, 23.219,
345.356

 35, 23.219,
345.356

 25, 23.219,
345.356

 15, 23.219,
345.356

 5, 23.219, 345.356

 0, 23.219, 345.356

65, 23.219,
345.356

65, 23.219,
345.356

60, 32.435,
346.451

70, 13.967,
344.382

56, 41.374,
347.706

75, 4.849, 343.462

80, 4.042, 162.851

52, 49.681,
349.180

86, 12.656,
162.064

48, 56.917,
350.958

91, 20.974,
161.387

45, 62.613,
353.156

95, 26.443,
162.765


43, 66.408,
355.923

96, 23.645,
171.987

42, 68.236,
359.412

96, 21.540,
183.269

42, 68.770, 1.169

 96, 20.355,
196.365

Harmonies

Complementary

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



65, 23.219, 345.356



74, 22.535, 160.844

Rectangle

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



65, 23.219, 345.356



65, 23.219, 35.356



65, 23.219, 165.356



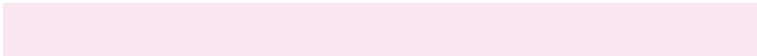
65, 23.219, 215.356

Sweetspot

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



65, 23.217, 345.358



93, 8.880, 343.716



63, 28.769, 309.716



49, 6.321, 343.854



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 23.217, 345.358



79, 33.912, 345.894



64, 19.849, 20.077



38, 5.126, 343.829



34, 60.159, 0.549



3, 15.922, 351.721

Inverse Universe

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



65, 23.217, 345.358



79, 33.912, 345.894



75, 16.844, 196.622



38, 5.126, 343.829



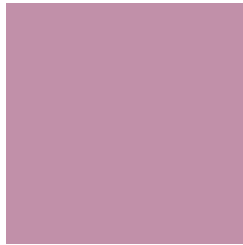
34, 60.159, 0.549



3, 15.922, 351.721

Previews

White Background



This preview shows how the CIELCh color 65, 23.219, 345.356 looks on a white background.

Color Contrast Check

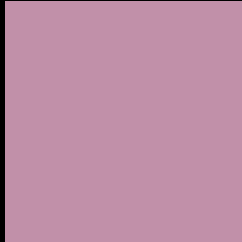
Large Text (above 18pt) WCAG AA × Fail

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 65, 23.219, 345.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

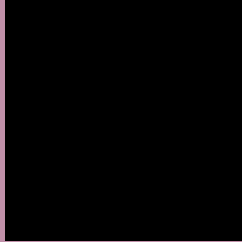
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 23.219, 345.356

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.219, 345.356.



This preview shows how white text looks on a background with the CIELCh color 65, 23.219, 345.356.

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, 23.219, 345.356

Protanopia
65, 11.130, 287.629

Deuteranopia
65, 9.905, 328.564



Tritanopia
65, 18.664, 2.386

Trichromacy



Original Color
65, 23.219, 345.356

Protanomaly
65, 13.842, 318.517

Deuteranomaly
65, 14.628, 337.818

Tritanomaly
65, 20.274, 355.730

Monochromacy



Original Color
65, 23.219, 345.356

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.529, 344.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.219, 345.356 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(193, 144, 169)` looks like.

```
.text, #text, p{  
    color:rgb(193, 144, 169)  
}
```

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(193, 144, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 144, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.219, 345.356 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(193, 144, 169) }
```

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

```
.border{ border-color:rgb(193, 144, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 144, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 144, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 144, 169);  
box-shadow:4px 4px 4px 4px rgb(193, 144,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.219, 345.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 144, 169) }
```

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

```
.background{ background-color: rgb(193,  
144, 169) }
```

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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