

Converting Colors

CIE LCh(73, 6.503, 344.199)

Have a look what the booklet for
CIELCh(73, 6.503, 344.199) contains.

CIELCh(73, 6.496, 344.196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 6.496, 344.196)

Conversions

Conversions Part 1

Format	Color
Hex	BEB0B7
RGB	190, 176, 183
RGB Percent	75%, 69%, 72%
CMY	0.2567, 0.3115, 0.2841
CMYK	0.00, 0.07, 0.04, 0.26
HSL	330°, 10%, 72%
HSV	330°, 7%, 74%
XYZ	45.0600, 45.1644, 50.8969
YIQ	180.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

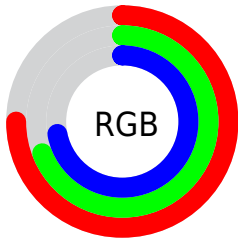
Format	Color
RYB	190, 176, 183
Decimal	12497079
CIELab	73.00, 6.25, -1.77
CIELCh	73, 6.496, 344.196
Yxy	45.1644, 0.3193, 0.3200
Android (android.graphics.Color)	4290687159 (0xFFBEB0B7)
YUV	180.9840, 0.9939, 7.9070
Hunter-Lab	67.2044, 2.0750, 2.1401

Details

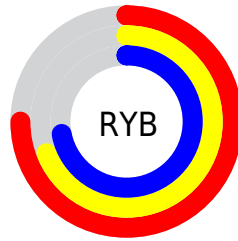
The CIELCh color $73, 6.496, 344.196$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 6.426, 163.110$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.177, 344.046$, and $53, 6.260, 346.519$ is the 20% darker color. If you saturate the color by 10%, you get $68, 15.464, 345.131$, and if you desaturate by 10%, it is $78, 2.263, 163.625$.

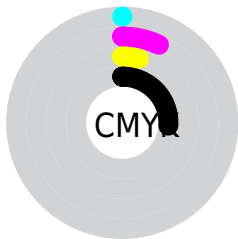
Distribution



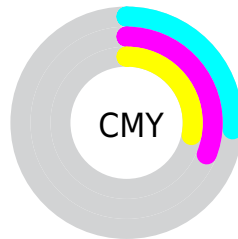
- Red (75%)
- Green (69%)
- Blue (72%)



- Red (75%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.496, 344.196 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 73, 6.496, 344.196 by changing the saturation by 10% instead.

■ 73, 6.496, 344.196

■ 73, 6.496, 344.196

■ 100, 6.496,
344.196

■ 63, 6.496, 344.196

■ 93, 6.496, 344.196

■ 53, 6.496, 344.196

■ 43, 6.496, 344.196

■ 33, 6.496, 344.196

■ 23, 6.496, 344.196

■ 13, 6.496, 344.196

■ 3, 6.496, 344.196

■ 0, 6.496, 344.196

■ 73, 6.496, 344.196

■ 73, 6.496, 344.196

68, 15.464,
345.131

78, 2.263, 163.625

63, 24.545,
346.139

83, 10.751,
162.750

58, 33.562,
347.277

89, 18.948,
162.056

54, 42.255,
348.591

94, 26.851,
161.423

50, 50.262,
350.148

95, 25.916,
167.997

47, 57.140,
352.040

95, 23.464,
177.950

44, 62.440,
354.394

96, 21.797,
189.759

42, 65.849,
357.364

96, 21.234,
198.110

41, 67.452, 1.071

Harmonies

Complementary

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



73, 6.496, 344.196



76, 6.426, 163.110

Rectangle

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



73, 6.496, 344.196



73, 6.496, 34.196



73, 6.496, 164.196



73, 6.496, 214.196

Sweetspot

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



73, 6.494, 344.202



96, 2.174, 343.601



73, 8.066, 309.379



52, 1.246, 343.581



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 6.494, 344.202



92, 9.851, 344.365



73, 5.313, 19.761



37, 4.980, 344.384



34, 59.346, 1.450



3, 13.948, 351.613

Inverse Universe

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



73, 6.494, 344.202



92, 9.851, 344.365



76, 5.074, 199.108



37, 4.980, 344.384



34, 59.346, 1.450



3, 13.948, 351.613

Previews

White Background



This preview shows how the CIELCh color 73, 6.496, 344.196 looks on a white background.

Color Contrast Check

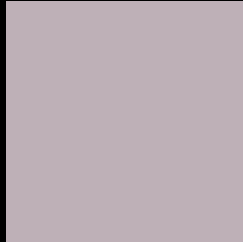
Large Text (above 18pt) WCAG AA × Fail

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 73, 6.496, 344.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

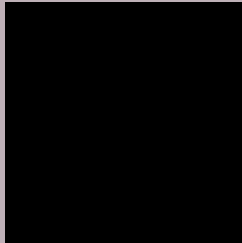
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

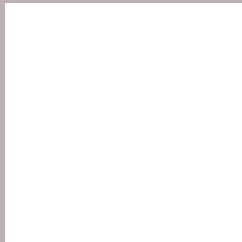
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.496, 344.196

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.496, 344.196.



This preview shows how white text looks on a background with the CIELCh color 73, 6.496, 344.196.

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

73, 6.496, 344.196

Protanopia

73, 3.462, 309.177

Deuteranopia

73, 9.299, 348.603



Tritanopia
73, 9.025, 328.737

Trichromacy



Original Color
73, 6.496, 344.196

Protanomaly
73, 4.199, 328.768

Deuteranomaly
73, 8.050, 347.519

Tritanomaly
73, 8.209, 333.450

Monochromacy



Original Color
73, 6.496, 344.196

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 2.493, 338.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.496, 344.196 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(190, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 176, 183)  
}
```

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(190, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 176, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.496, 344.196 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(190, 176, 183) }
```

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

```
.border{ border-color:rgb(190, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 176, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 176, 183); box-shadow:4px 4px 4px 4px rgb(190, 176, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.496, 344.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 176, 183) }
```

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

```
.background{ background-color: rgb(190,  
176, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor