

Converting Colors

CIELCh(75, 5.028, 324.611)

Have a look what the booklet for
CIELCh(75, 5.028, 324.611) contains.

CIELCh(75, 5.266, 324.623)	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(75, 5.266, 324.623)

Conversions

Conversions Part 1

Format	Color
Hex	BEB6BE
RGB	190, 182, 190
RGB Percent	75%, 71%, 75%
CMY	0.2538, 0.2852, 0.2538
CMYK	0.00, 0.04, 0.00, 0.25
HSL	300°, 6%, 73%
HSV	300°, 4%, 75%
XYZ	47.4104, 48.2781, 55.6910
YIQ	185.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

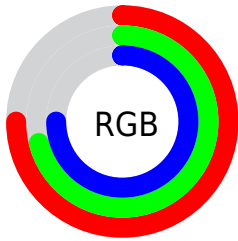
Format	Color
RYB	190, 182, 190
Decimal	12498622
CIELab	75.00, 4.29, -3.05
CIELCh	75, 5.266, 324.623
Yxy	48.2781, 0.3132, 0.3189
Android (android.graphics.Color)	4290688702 (0xFFBEB6BE)
YUV	185.3040, 2.3151, 4.1184
Hunter-Lab	69.4824, 0.2026, 1.1161

Details

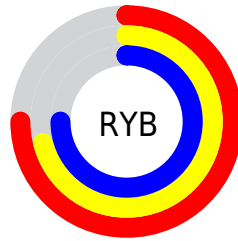
The CIELCh color $75, 5.266, 324.623$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.247, 144.254$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.015, 324.561$, and $55, 5.596, 324.716$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.878, 325.200$, and if you desaturate by 10%, it is $80, 7.168, 144.167$.

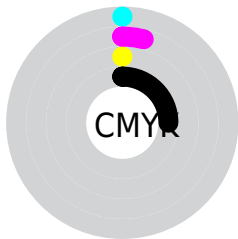
Distribution



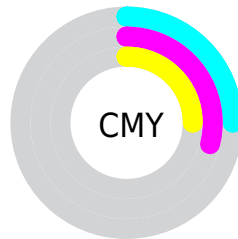
- Red (75%)
- Green (71%)
- Blue (75%)



- Red (75%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.266, 324.623 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 75, 5.266, 324.623 by changing the saturation by 10% instead.

■ 75, 5.266, 324.623

■ 75, 5.266, 324.623

■ 100, 5.266,
324.623

■ 65, 5.266, 324.623

■ 95, 5.266, 324.623

■ 55, 5.266, 324.623

■ 45, 5.266, 324.623

■ 35, 5.266, 324.623

■ 25, 5.266, 324.623

■ 15, 5.266, 324.623

■ 5, 5.266, 324.623

■ 0, 5.266, 324.623

■ 75, 5.266, 324.623

■ 75, 5.266, 324.623

70, 17.878,
325.200

80, 7.168, 144.167

66, 30.518,
325.745

85, 19.319,
143.622

61, 42.951,
326.270

90, 31.133,
143.114

57, 54.856,
326.761

94, 40.574,
142.716

54, 65.821,
327.202

94, 40.574,
142.716

51, 75.374,
327.577

94, 40.574,
142.716

48, 83.047,
327.871

94, 40.574,
142.716

47, 88.494,
328.076

94, 40.574,
142.716

46, 91.616,

94, 40.574,
142.716

Harmonies

Complementary

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



75, 5.266, 324.623



76, 5.247, 144.254

Rectangle

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



75, 5.266, 324.623



75, 5.266, 14.623



75, 5.266, 144.623



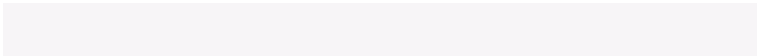
75, 5.266, 194.623

Sweetspot

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



75, 5.264, 324.623



97, 1.553, 324.303



74, 4.332, 290.603



52, 0.890, 324.290



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 5.264, 324.623



94, 7.750, 324.679



75, 3.697, 343.886



38, 4.232, 324.711



37, 80.849, 328.233



3, 21.490, 325.460

Inverse Universe

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



75, 5.264, 324.623



94, 7.750, 324.679



76, 3.667, 163.417



38, 4.232, 324.711



37, 80.849, 328.233



3, 21.490, 325.460

Previews

White Background



This preview shows how the CIE LCh color 75, 5.266, 324.623 looks on a white background.

Color Contrast Check

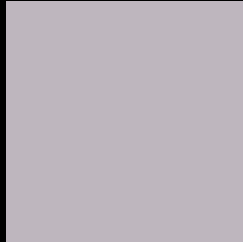
Large Text (above 18pt) WCAG AA × Fail

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 75, 5.266, 324.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

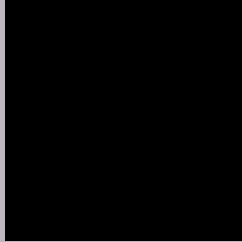
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

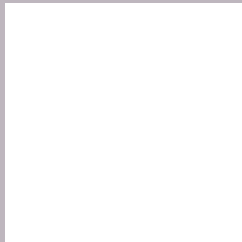
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.266, 324.623

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.266, 324.623.



This preview shows how white text looks on a background with the CIELCh color 75, 5.266, 324.623.

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


75, 5.266, 324.623

Protanopia

75, 3.865, 301.466

Deuteranopia

75, 10.171, 340.774



Tritanopia
75, 8.935, 314.965

Trichromacy



Original Color

75, 5.266, 324.623

Protanomaly

75, 4.722, 313.450

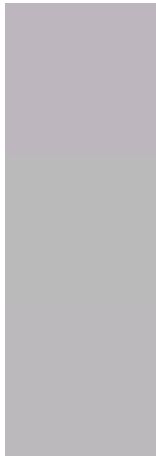
Deuteranomaly

75, 8.426, 335.315

Tritanomaly

75, 7.966, 318.145

Monochromacy



Original Color

75, 5.266, 324.623

Achromatopsia

76, 0.009, 296.813

Achromatomaly

75, 1.979, 324.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.266, 324.623 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, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 190)  
}
```

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, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.266, 324.623 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, 182, 190) }
```

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

```
.border{ border-color:rgb(190, 182, 190) }
```

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

Here you see how a box with a 4 pixel rgb(190, 182, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.266, 324.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 190) }
```

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

```
.background{ background-color: rgb(190,  
182, 190) }
```

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