

Converting Colors

CIELCh(75, 8.000, 318.168)

Have a look what the booklet for
CIELCh(75, 8.000, 318.168) contains.

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Color

CIELCh(75, 7.966, 318.145)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5C2
RGB	191, 181, 194
RGB Percent	75%, 71%, 76%
CMY	0.2492, 0.2884, 0.2375
CMYK	0.02, 0.07, 0.00, 0.24
HSL	286°, 10%, 74%
HSV	286°, 7%, 76%
XYZ	48.0009, 48.2781, 58.0922
YIQ	185.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

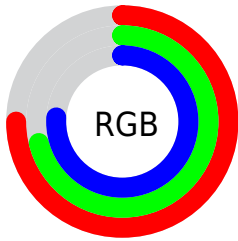
Format	Color
R_{YB}	191, 181, 194
Decimal	12563906
CIE Lab	75.00, 5.93, -5.32
CIE LCh	75, 7.966, 318.145
Yxy	48.2781, 0.3109, 0.3127
Android (android.graphics.Color)	4290753986 (0xFFBFB5C2)
YUV	185.4720, 4.2043, 4.8481
Hunter-Lab	69.4824, 1.7198, -0.9329

Details

The CIELCh color $75, 7.966, 318.145$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.920, 137.614$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.586, 318.077$, and $55, 7.964, 320.154$ is the 20% darker color. If you saturate the color by 10%, you get $70, 20.048, 318.594$, and if you desaturate by 10%, it is $80, 3.888, 137.797$.

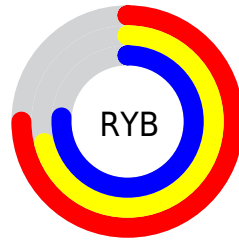
Distribution



Red (75%)

Green (71%)

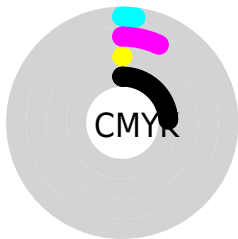
Blue (76%)



Red (75%)

Yellow (71%)

Blue (76%)

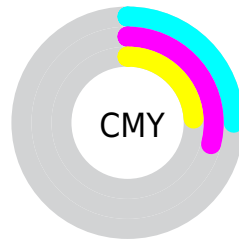


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.966, 318.145 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, 7.966, 318.145 by changing the saturation by 10% instead.

■ 75, 7.966, 318.145

■ 75, 7.966, 318.145

■ 100, 7.966,
318.145

■ 65, 7.966, 318.145

■ 95, 7.966, 318.145

■ 55, 7.966, 318.145

■ 45, 7.966, 318.145

■ 35, 7.966, 318.145

■ 25, 7.966, 318.145

■ 15, 7.966, 318.145

■ 5, 7.966, 318.145

■ 0, 7.966, 318.145

■ 75, 7.966, 318.145

■ 75, 7.966, 318.145

70, 20.048,
318.594

80, 3.888, 137.797

65, 32.263,
319.036

86, 15.450,
137.359

60, 44.440,
319.462

91, 26.693,
136.979

55, 56.322,
319.847

96, 35.088,
136.230

50, 67.539,
320.159

96, 34.316,
133.967

46, 77.602,
320.356

96, 33.597,
131.574

43, 85.940,
320.388

96, 32.937,
129.051

41, 92.015,
320.205

97, 32.343,
126.401

39, 95.579,

97, 31.822,
123.630

319.775

Harmonies

Complementary

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



75, 7.966, 318.145



78, 7.920, 137.614

Rectangle

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



75, 7.966, 318.145



75, 7.966, 8.145



75, 7.966, 138.145



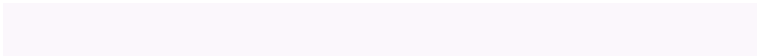
75, 7.966, 188.145

Sweetspot

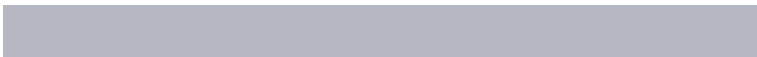
The Sweet Spot groups the original color and five complimentary colors.



75, 7.964, 318.143



98, 2.937, 317.888



75, 5.478, 279.155



53, 1.684, 317.880



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 7.964, 318.143



94, 11.793, 318.210



75, 7.079, 333.363



38, 6.750, 318.266



31, 83.726, 319.722



3, 21.725, 316.117

Inverse Universe

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



75, 5.146, 1.456



94, 7.637, 1.614



77, 7.050, 152.572



38, 4.379, 1.748



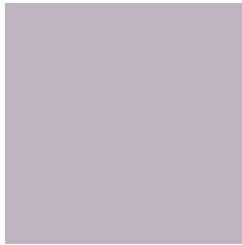
33, 64.185, 26.397



3, 14.376, 7.013

Previews

White Background



This preview shows how the CIELCh color 75, 7.966, 318.145 looks on a white background.

Color Contrast Check

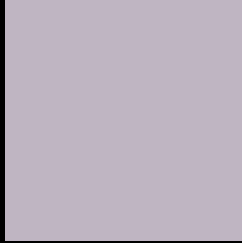
Large Text (above 18pt) WCAG AA × Fail

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 75, 7.966, 318.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

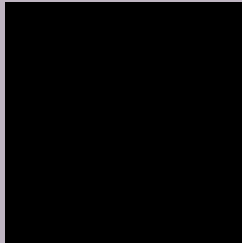
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

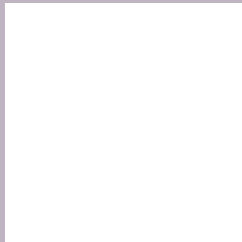
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.966, 318.145

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.966, 318.145.



This preview shows how white text looks on a background with the CIELCh color 75, 7.966, 318.145.

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, 7.966, 318.145

Protanopia

75, 6.499, 293.985

Deuteranopia

75, 11.162, 329.648



Tritanopia
75, 9.093, 317.079

Trichromacy



Original Color
75, 7.966, 318.145

Protanomaly
75, 6.669, 303.375

Deuteranomaly
75, 10.056, 326.595

Tritanomaly
75, 8.614, 318.670

Monochromacy



Original Color
75, 7.966, 318.145

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 3.098, 318.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.966, 318.145 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(191, 181, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 194)  
}
```

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(191, 181, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.966, 318.145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

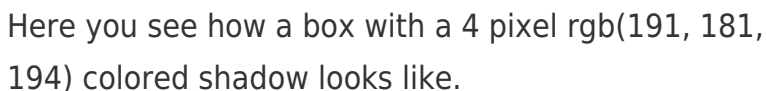
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 181, 194) }
```

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

```
.border{ border-color:rgb(191, 181, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 181, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 181, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 181, 194); box-shadow:4px 4px 4px 4px rgb(191, 181, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.966, 318.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 194) }
```

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

```
.background{ background-color: rgb(191,  
181, 194) }
```

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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