

Converting Colors

CIELCh(75, 5.021, 7.273)

Have a look what the booklet for
CIELCh(75, 5.021, 7.273) contains.

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Color

CIELCh(75, 5.004, 7.316)

Conversions

Conversions Part 1

Format	Color
Hex	C3B6B8
RGB	195, 182, 184
RGB Percent	76%, 71%, 72%
CMY	0.2369, 0.2879, 0.2800
CMYK	0.00, 0.07, 0.06, 0.24
HSL	351°, 10%, 74%
HSV	351°, 7%, 76%
XYZ	47.6509, 48.2781, 51.9288
YIQ	186.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

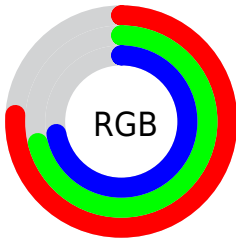
Format	Color
RYB	195, 182, 184
Decimal	12826296
CIELab	75.00, 4.96, 0.64
CIElCh	75, 5.004, 7.316
Yxy	48.2781, 0.3223, 0.3265
Android (android.graphics.Color)	4291016376 (0xFFC3B6B8)
YUV	186.1150, -1.0427, 7.7921
Hunter-Lab	69.4824, 0.8207, 4.3264

Details

The CIELCh color $75, 5.004, 7.316$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.854, 186.395$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.104, 8.066$, and $55, 4.945, 6.492$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.861, 8.402$, and if you desaturate by 10%, it is $80, 2.411, 186.797$.

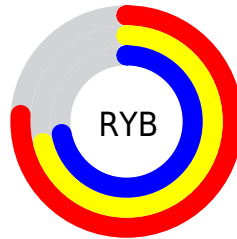
Distribution



Red (76%)

Green (71%)

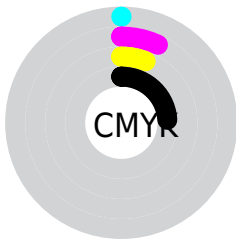
Blue (72%)



Red (76%)

Yellow (71%)

Blue (72%)

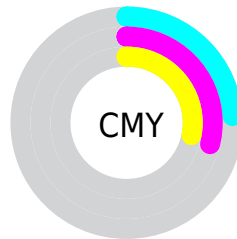


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.004, 7.316 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, 5.004, 7.316 by changing the saturation by 10% instead.

■ 75, 5.004, 7.316

■ 75, 5.004, 7.316

■ 100, 5.004, 7.316

■ 65, 5.004, 7.316

■ 95, 5.004, 7.316

■ 55, 5.004, 7.316

■ 45, 5.004, 7.316

■ 35, 5.004, 7.316

■ 25, 5.004, 7.316

■ 15, 5.004, 7.316

■ 5, 5.004, 7.316

■ 0, 5.004, 7.316

■ 75, 5.004, 7.316

■ 75, 5.004, 7.316

70, 12.861, 8.402

80, 2.411, 186.797

64, 21.139, 9.628

86, 9.388, 185.908

59, 29.761, 11.117

92, 15.953,
185.249

55, 38.577, 12.966

96, 20.225,
190.047

51, 47.353, 15.297

47, 55.784, 18.251

96, 19.738,
198.204

44, 63.559, 21.954

42, 70.467, 26.428

41, 76.441, 31.392

Harmonies

Complementary

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



75, 5.004, 7.316



78, 4.854, 186.395

Rectangle

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



75, 5.004, 7.316



75, 5.004, 57.316



75, 5.004, 187.316



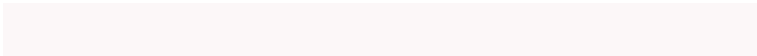
75, 5.004, 237.316

Sweetspot

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



75, 5.002, 7.333



98, 1.828, 6.682



75, 8.103, 320.072



53, 1.048, 6.656



0, 0.000, 0.000



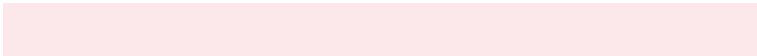
53, 0.007, 296.813

Same Dimension

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



75, 5.002, 7.333



94, 7.436, 7.487



76, 3.991, 55.054



38, 4.267, 7.616



33, 67.437, 32.124



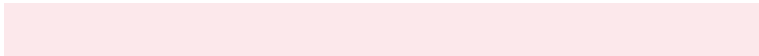
3, 14.177, 11.075

Inverse Universe

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



75, 5.002, 7.333



94, 7.436, 7.487



77, 3.868, 236.390



38, 4.267, 7.616



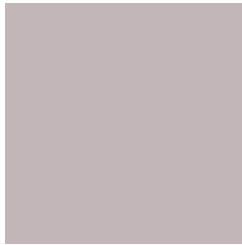
33, 67.437, 32.124



3, 14.177, 11.075

Previews

White Background



This preview shows how the CIELCh color 75, 5.004, 7.316 looks on a white background.

Color Contrast Check

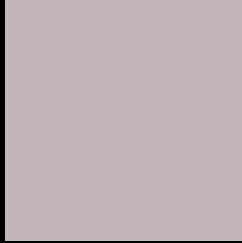
Large Text (above 18pt) WCAG AA × Fail

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, 5.004, 7.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

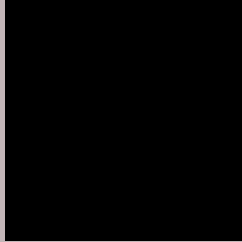
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 5.004, 7.316

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.004, 7.316.

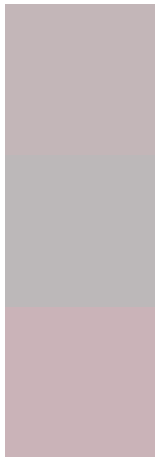


This preview shows how white text looks on a background with the CIELCh color 75, 5.004, 7.316.

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, 5.004, 7.316

Protanopia

75, 1.592, 359.414

Deuteranopia

75, 9.096, 2.966



Tritanopia
75, 9.629, 328.489

Trichromacy



Original Color

75, 5.004, 7.316

Protanomaly

75, 2.676, 7.827

Deuteranomaly

75, 7.482, 3.280

Tritanomaly

75, 7.142, 337.156

Monochromacy



Original Color

75, 5.004, 7.316

Achromatopsia

76, 0.009, 296.813

Achromatomaly

75, 1.946, 3.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.004, 7.316 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(195, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 184)  
}
```

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(195, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.004, 7.316 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(195, 182, 184) }
```

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

```
.border{ border-color:rgb(195, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.004, 7.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 184) }
```

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

```
.background{ background-color: rgb(195,  
182, 184) }
```

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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