

Converting Colors

CIELCh(75, 4.797, 2.722)

Have a look what the booklet for
CIELCh(75, 4.797, 2.722) contains.

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Color

CIELCh(75, 4.635, 6.265)

Conversions

Conversions Part 1

Format	Color
Hex	C2B6B8
RGB	194, 182, 184
RGB Percent	76%, 71%, 72%
CMY	0.2399, 0.2870, 0.2792
CMYK	0.00, 0.06, 0.05, 0.24
HSL	350°, 9%, 74%
HSV	350°, 6%, 76%
XYZ	47.5229, 48.2781, 52.0599
YIQ	185.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

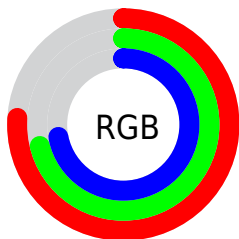
Format	Color
RYB	194, 182, 184
Decimal	12760760
CIELab	75.00, 4.61, 0.51
CIElCh	75, 4.635, 6.265
Yxy	48.2781, 0.3214, 0.3265
Android (android.graphics.Color)	4290950840 (0xFFC2B6B8)
YUV	185.8160, -0.8953, 7.1774
Hunter-Lab	69.4824, 0.4919, 4.2145

Details

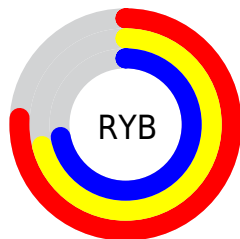
The CIELCh color $75, 4.635, 6.265$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.509, 185.429$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 4.753, 7.160$, and $55, 4.553, 5.255$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.465, 7.359$, and if you desaturate by 10%, it is $80, 2.765, 185.720$.

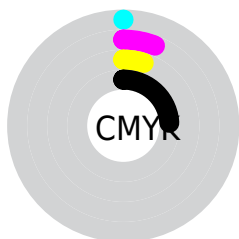
Distribution



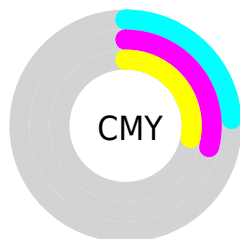
- Red (76%)
- Green (71%)
- Blue (72%)



- Red (76%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.635, 6.265 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, 4.635, 6.265 by changing the saturation by 10% instead.

■ 75, 4.635, 6.265

■ 75, 4.635, 6.265

■ 100, 4.635, 6.265

■ 65, 4.635, 6.265

■ 95, 4.635, 6.265

■ 55, 4.635, 6.265

■ 45, 4.635, 6.265

■ 35, 4.635, 6.265

■ 25, 4.635, 6.265

■ 15, 4.635, 6.265

■ 5, 4.635, 6.265

■ 0, 4.635, 6.265

■ 75, 4.635, 6.265

■ 75, 4.635, 6.265

70, 12.465, 7.359

80, 2.765, 185.720

64, 20.703, 8.582

86, 9.737, 184.850

59, 29.270, 10.060

91, 16.306,
184.183

55, 38.017, 11.889

96, 20.587,
188.677

51, 46.710, 14.189

47, 55.040, 17.100

96, 19.969,
198.189

44, 62.695, 20.760

42, 69.463, 25.213

41, 75.300, 30.244

Harmonies

Complementary

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



75, 4.635, 6.265



77, 4.509, 185.429

Rectangle

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



75, 4.635, 6.265



75, 4.635, 56.265



75, 4.635, 186.265



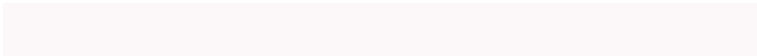
75, 4.635, 236.265

Sweetspot

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



75, 4.633, 6.283



98, 1.836, 5.683



75, 7.484, 320.048



53, 1.052, 5.657



0, 0.000, 0.000



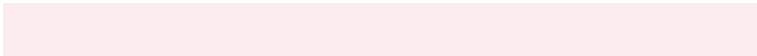
53, 0.007, 296.813

Same Dimension

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



75, 4.633, 6.283



94, 6.512, 6.383



76, 3.681, 55.083



39, 3.408, 6.424



33, 66.871, 31.255



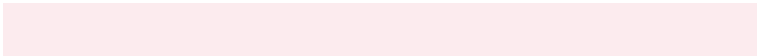
3, 14.205, 10.394

Inverse Universe

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



75, 4.633, 6.283



94, 6.512, 6.383



76, 3.577, 236.355



39, 3.408, 6.424



33, 66.871, 31.255



3, 14.205, 10.394

Previews

White Background



This preview shows how the CIELCh color 75, 4.635, 6.265 looks on a white background.

Color Contrast Check

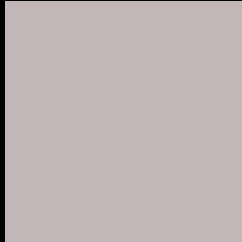
Large Text (above 18pt) WCAG AA × Fail

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, 4.635, 6.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

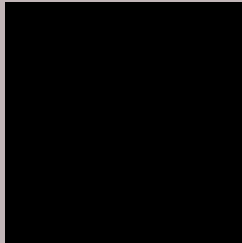
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

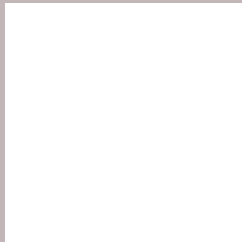
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.635, 6.265

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.635, 6.265.

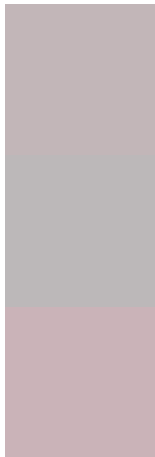


This preview shows how white text looks on a background with the CIELCh color 75, 4.635, 6.265.

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, 4.635, 6.265

Protanopia

75, 1.592, 359.414

Deuteranopia

75, 9.096, 2.966



Tritanopia
75, 9.407, 326.688

Trichromacy



Original Color

75, 4.635, 6.265

Protanomaly

75, 2.836, 357.131

Deuteranomaly

75, 7.482, 3.280

Tritanomaly

75, 7.142, 337.156

Monochromacy



Original Color

75, 4.635, 6.265

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, 4.635, 6.265 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(194, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.635, 6.265 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(194, 182, 184) }
```

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

```
.border{ border-color:rgb(194, 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(194, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 182,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.635, 6.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 182, 184) }
```

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

```
.background{ background-color: rgb(194,  
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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