

Converting Colors

CIELCh(75, 10.479, 8.450)

Have a look what the booklet for
CIELCh(75, 10.479, 8.450) contains.

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Color

CIELCh(75, 10.479, 8.450)

Conversions

Conversions Part 1

Format	Color
Hex	CDB2B6
RGB	205, 178, 182
RGB Percent	80%, 70%, 71%
CMY	0.1955, 0.3014, 0.2857
CMYK	0.00, 0.13, 0.11, 0.20
HSL	351°, 21%, 75%
HSV	351°, 13%, 80%
XYZ	49.6216, 48.2781, 51.0341
YIQ	186.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

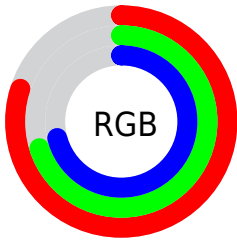
Format	Color
R _Y B	205, 178, 182
Decimal	13480630
CIE Lab	75.00, 10.37, 1.54
CIE LCh	75, 10.479, 8.450
Yxy	48.2781, 0.3332, 0.3242
Android (android.graphics.Color)	4291670710 (0xFFCDB2B6)
YUV	186.5290, -2.2328, 16.1991
Hunter-Lab	69.4824, 5.8834, 5.0899

Details

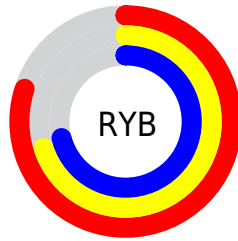
The CIELCh color $75, 10.479, 8.450$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 9.865, 186.239$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.812, 4.670$, and $55, 10.806, 8.410$ is the 20% darker color. If you saturate the color by 10%, you get $69, 18.970, 9.614$, and if you desaturate by 10%, it is $81, 2.445, 7.346$.

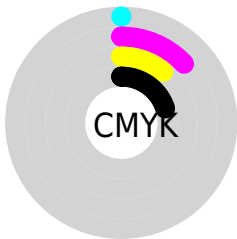
Distribution



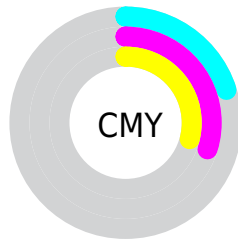
- Red (80%)
- Green (70%)
- Blue (71%)



- Red (80%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 10.479, 8.450 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, 10.479, 8.450 by changing the saturation by 10% instead.

75, 10.479, 8.450

75, 10.479, 8.450

100, 10.479, 8.450

65, 10.479, 8.450

95, 10.479, 8.450

55, 10.479, 8.450

45, 10.479, 8.450

35, 10.479, 8.450

25, 10.479, 8.450

15, 10.479, 8.450

5, 10.479, 8.450

0, 10.479, 8.450

75, 10.479, 8.450

75, 10.479, 8.450

69, 18.970, 9.614

81, 2.445, 7.346

64, 27.865, 11.005

86, 5.117, 186.867

59, 37.036, 12.724

92, 12.225,
186.115

55, 46.270, 14.887

97, 16.717,
193.179

51, 55.270, 17.630

47, 63.700, 21.090

97, 16.518,
198.409

45, 71.294, 25.333

43, 77.909, 30.199

43, 81.966, 33.454

Harmonies

Complementary

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



75, 10.479, 8.450



80, 9.865, 186.239

Rectangle

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



75, 10.479, 8.450



75, 10.479, 58.450



75, 10.479, 188.450



75, 10.479, 238.450

Sweetspot

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



75, 10.477, 8.459



97, 3.699, 7.472



75, 16.840, 320.877



51, 2.634, 7.566



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, 10.477, 8.459



89, 15.331, 8.791



77, 8.407, 56.598



40, 4.445, 8.062



34, 69.360, 32.632



4, 18.086, 12.153

Inverse Universe

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



75, 10.477, 8.459



89, 15.331, 8.791



78, 7.886, 239.127



40, 4.445, 8.062



34, 69.360, 32.632



4, 18.086, 12.153

Previews

White Background



This preview shows how the CIELCh color 75, 10.479, 8.450 looks on a white background.

Color Contrast Check

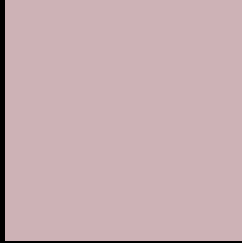
Large Text (above 18pt) WCAG AA × Fail

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, 10.479, 8.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

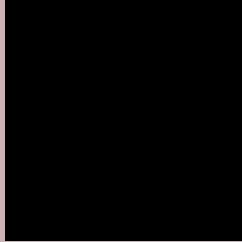
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.479, 8.450

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.479, 8.450.



This preview shows how white text looks on a background with the CIELCh color 75, 10.479, 8.450.

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, 10.479, 8.450

Protanopia

75, 1.592, 359.414

Deuteranopia

75, 9.627, 10.559



Tritanopia
75, 13.210, 345.780

Trichromacy



Original Color
75, 10.479, 8.450

Protanomaly
75, 4.635, 6.265

Deuteranomaly
75, 9.627, 10.559

Tritanomaly
75, 12.406, 351.998

Monochromacy



Original Color
75, 10.479, 8.450

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.785, 11.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.479, 8.450 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(205, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(205, 178, 182)  
}
```

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(205, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 178, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.479, 8.450 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(205, 178, 182) }
```

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

```
.border{ border-color:rgb(205, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(205, 178,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.479, 8.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 178, 182) }
```

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

```
.background{ background-color: rgb(205,  
178, 182) }
```

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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