

Converting Colors

CIELCh(76, 7.745, 21.343)

Have a look what the booklet for
CIELCh(76, 7.745, 21.343) contains.

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Color

CIELCh(76, 7.605, 23.988)

Conversions

Conversions Part 1

Format	Color
Hex	CBB7B6
RGB	203, 183, 182
RGB Percent	80%, 72%, 71%
CMY	0.2043, 0.2827, 0.2866
CMYK	0.00, 0.10, 0.10, 0.20
HSL	3°, 17%, 75%
HSV	3°, 10%, 80%
XYZ	49.9527, 49.8872, 51.2040
YIQ	188.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

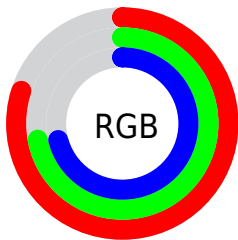
Format	Color
R _Y B	203, 183, 182
Decimal	13350838
CIE Lab	76.00, 6.95, 3.09
CIE LCh	76, 7.605, 23.988
Yxy	49.8872, 0.3307, 0.3303
Android (android.graphics.Color)	4291540918 (0xFFCBB7B6)
YUV	188.8660, -3.3849, 12.3955
Hunter-Lab	70.6309, 2.6374, 6.4593

Details

The CIELCh color **76, 7.605, 23.988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 7.115, 203.275**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 5.752, 24.768**, and **56, 7.739, 24.369** is the 20% darker color. If you saturate the color by 10%, you get **71, 15.568, 24.678**, and if you desaturate by 10%, it is **81, 0.246, 21.322**.

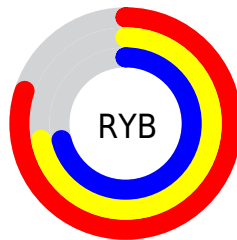
Distribution



Red (80%)

Green (72%)

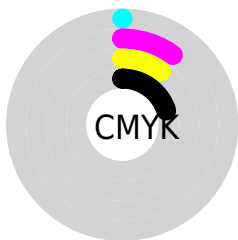
Blue (71%)



Red (80%)

Yellow (72%)

Blue (71%)

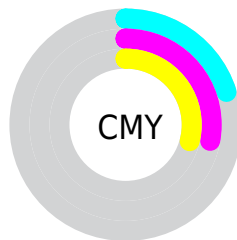


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.605, 23.988 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 76, 7.605, 23.988 by changing the saturation by 10% instead.

 76, 7.605, 23.988  76, 7.605, 23.988

 100, 7.605, 23.988  66, 7.605, 23.988

 96, 7.605, 23.988  56, 7.605, 23.988

 46, 7.605, 23.988


 36, 7.605, 23.988

 26, 7.605, 23.988

 16, 7.605, 23.988

 6, 7.605, 23.988

 0, 7.605, 23.988

 76, 7.605, 23.988  76, 7.605, 23.988

71, 15.568, 24.678

81, 0.246, 21.322

65, 24.161, 25.547

87, 6.548, 203.340

61, 33.360, 26.697

93, 12.834,
203.041

56, 43.082, 28.214

97, 17.209,
198.364

52, 53.157, 30.184

48, 63.309, 32.653

46, 73.084, 35.521

44, 81.572, 38.320

43, 87.398, 40.447

Harmonies

Complementary

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



76, 7.605, 23.988



80, 7.115, 203.275

Rectangle

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



76, 7.605, 23.988



76, 7.605, 73.988



76, 7.605, 203.988



76, 7.605, 253.988

Sweetspot

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



76, 7.604, 24.003



98, 2.577, 23.459



76, 13.392, 325.895



52, 1.960, 23.550



0, 0.000, 0.000



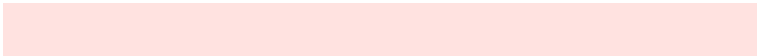
53, 0.007, 296.813

Same Dimension

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



76, 7.604, 24.003



92, 10.693, 24.117



79, 7.014, 77.606



40, 4.170, 23.944



35, 74.900, 40.441



4, 17.409, 21.831

Inverse Universe

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



80, 7.115, 203.275



98, 9.884, 203.201



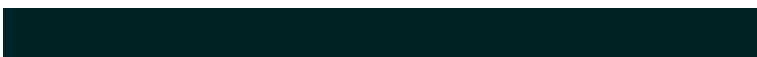
77, 6.881, 260.368



42, 3.927, 203.316



59, 34.071, 204.222



12, 12.838, 202.512

Previews

White Background



This preview shows how the CIELCh color 76, 7.605, 23.988 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 76, 7.605, 23.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

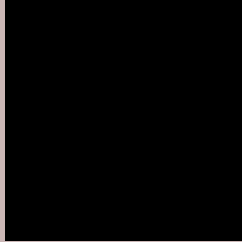
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.605, 23.988

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.605, 23.988.



This preview shows how white text looks on a background with the CIELCh color 76, 7.605, 23.988.

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


76, 7.605, 23.988

Protanopia

76, 2.452, 60.279

Deuteranopia

76, 9.909, 17.092



Tritanopia
76, 11.680, 340.293

Trichromacy



Original Color
76, 7.605, 23.988

Protanomaly
76, 4.081, 42.748

Deuteranomaly
76, 9.127, 20.105

Tritanomaly
76, 9.295, 352.662

Monochromacy



Original Color
76, 7.605, 23.988

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 2.662, 31.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.605, 23.988 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(203, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(203, 183, 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(203, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 183, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.605, 23.988 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(203, 183, 182) }
```

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

```
.border{ border-color:rgb(203, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(203, 183,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.605, 23.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 183, 182) }
```

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

```
.background{ background-color: rgb(203,  
183, 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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