

Converting Colors

CIELCh(76, 15.833, 70.758)

Have a look what the booklet for
CIELCh(76, 15.833, 70.758) contains.

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Color

CIELCh(76, 15.904, 70.340)

Conversions

Conversions Part 1

Format	Color
Hex	D0B7A0
RGB	208, 183, 160
RGB Percent	82%, 72%, 63%
CMY	0.1838, 0.2819, 0.3721
CMYK	0.00, 0.12, 0.23, 0.18
HSL	29°, 34%, 72%
HSV	29°, 23%, 82%
XYZ	49.3617, 49.8872, 40.3395
YIQ	187.8530, 22.2830, -1.8530

Conversions

Conversions Part 2

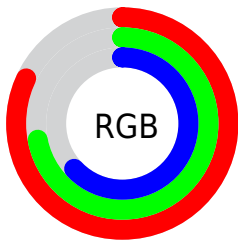
Format	Color
R _Y B	208, 204, 160
Decimal	13678496
CIE Lab	76.00, 5.35, 14.98
CIE LCh	76, 15.904, 70.340
Yxy	49.8872, 0.3536, 0.3574
Android (android.graphics.Color)	4291868576 (0xFFD0B7A0)
YUV	187.8530, -13.7315, 17.6689
Hunter-Lab	70.6309, 1.1440, 15.5793

Details

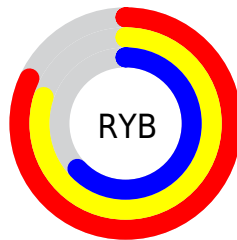
The CIELCh color $76, 15.904, 70.340$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 14.831, 256.487$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 13.636, 83.370$, and $56, 16.083, 70.685$ is the 20% darker color. If you saturate the color by 10%, you get $73, 23.392, 69.143$, and if you desaturate by 10%, it is $79, 8.784, 71.538$.

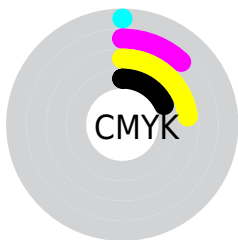
Distribution



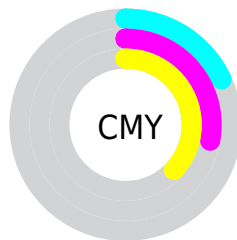
- Red (82%)
- Green (72%)
- Blue (63%)



- Red (82%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 15.904, 70.340 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, 15.904, 70.340 by changing the saturation by 10% instead.

 76, 15.904, 70.340

 76, 15.904, 70.340

 100, 15.904,
70.340

 66, 15.904, 70.340

 96, 15.904, 70.340

 56, 15.904, 70.340

 46, 15.904, 70.340

 36, 15.904, 70.340

 26, 15.904, 70.340

 16, 15.904, 70.340

 6, 15.904, 70.340

 0, 15.904, 70.340

 76, 15.904, 70.340

 76, 15.904, 70.340

73, 23.392, 69.143

79, 8.784, 71.538

70, 31.251, 67.931

83, 2.006, 72.579

67, 39.450, 66.712

86, 4.458, 254.037

64, 47.881, 65.465

89, 10.642,
255.127

61, 56.285, 64.120

92, 13.123,
243.298

59, 64.131, 62.524

56, 70.494, 60.374

95, 13.664,
213.616

55, 73.932, 58.586

97, 15.588,
198.469

Harmonies

Complementary

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



76, 15.904, 70.340



74, 14.831, 256.487

Rectangle

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



76, 15.904, 70.340



76, 15.904, 120.340



76, 15.904, 250.340



76, 15.904, 300.340

Sweetspot

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



76, 15.904, 70.350



97, 5.465, 72.215



71, 22.731, 343.872



52, 3.557, 72.149



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, 15.904, 70.350



89, 23.075, 69.716



82, 24.347, 106.526



42, 3.794, 71.958



45, 62.905, 59.199



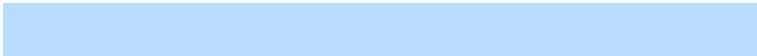
9, 15.719, 56.053

Inverse Universe

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



74, 14.831, 256.487



86, 21.133, 257.449



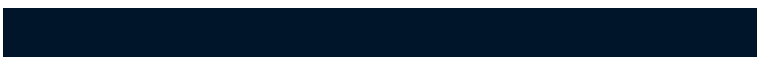
68, 25.602, 291.547



42, 3.700, 254.398



37, 50.399, 281.605



6, 15.757, 270.030

Previews

White Background



This preview shows how the CIELCh color 76, 15.904, 70.340 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, 15.904, 70.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

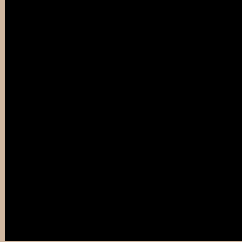
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 15.904, 70.340

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.904, 70.340.



This preview shows how white text looks on a background with the CIELCh color 76, 15.904, 70.340.

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, 15.904, 70.340

Protanopia

76, 13.949, 92.568

Deuteranopia

76, 17.391, 55.879



Tritanopia

76, 14.782, 350.167

Trichromacy



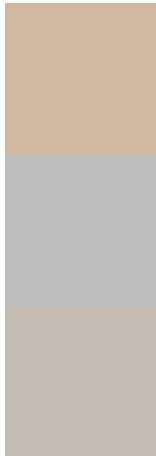
Original Color
76, 15.904, 70.340

Protanomaly
76, 14.654, 85.090

Deuteranomaly
76, 16.754, 59.668

Tritanomaly
76, 11.879, 20.356

Monochromacy



Original Color
76, 15.904, 70.340

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.470, 71.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.904, 70.340 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(208, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(208, 183, 160)  
}
```

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(208, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 183, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.904, 70.340 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(208, 183, 160) }
```

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

```
.border{ border-color:rgb(208, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 183,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.904, 70.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 183, 160) }
```

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

```
.background{ background-color: rgb(208,  
183, 160) }
```

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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