Converting Colors

CIELCh(76, 22.838, 106.428)

Have a look what the booklet for CIELCh(76, 22.838, 106.428) contains.

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Color

CIELCh(76, 22.910, 107.006)

Conversions

Conversions Part 1

Format	Color
Hex	BFBE93
RGB	191, 190, 147
RGB Percent	75%, 75%, 58%
CMY	0.2518, 0.2557, 0.4243
CMYK	0.00, 0.01, 0.23, 0.25
HSL	59°, 26%, 66%
HSV	59°, 23%, 75%
XYZ	45.0531, 49.8872, 34.7772
YIQ	185.3970, 14.3990, -13.1610

Conversions

Conversions Part 2

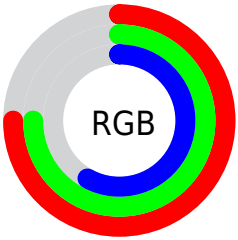
Format	Color
RYB	148, 191, 147
Decimal	12566163
CIELab	76.00, -6.70, 21.91
CIELCh	76, 22.910, 107.006
Yxy	49.8872, 0.3473, 0.3846
Android (android.graphics.Color)	4290756243 (0xFFBFBE93)
YUV	185.3970, -18.9297, 4.9138
Hunter-Lab	70.6309, -9.7448, 20.2485

Details

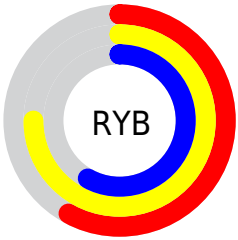
The CIELCh color 76, 22.910, 107.006 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 63, 24.114, 291.956, and the grayscale version is 75, 0.009, 296.813.

A 20% lighter version of the original color is 96, 22.886, 106.511, and 56, 23.111, 107.382 is the 20% darker color. If you saturate the color by 10%, you get 76, 32.662, 106.031, and if you desaturate by 10%, it is 77, 13.012, 107.993.

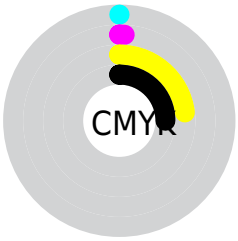
Distribution



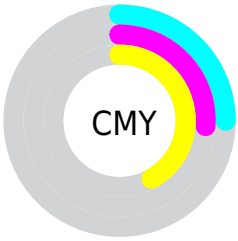
- Red (75%)
- Green (75%)
- Blue (58%)



- Red (58%)
- Yellow (75%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (23%)
- Black (25%)



- Cyan (25%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 22.910, 107.006 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, 22.910, 107.006 by changing the saturation by 10% instead.

76, 22.910, 107.006

100, 22.910, 107.006

96, 22.910, 107.006

76, 22.910, 107.006

66, 22.910, 107.006

56, 22.910, 107.006

46, 22.910, 107.006

36, 22.910, 107.006

26, 22.910, 107.006

16, 22.910, 107.006

6, 22.910, 107.006

0, 22.910, 107.006

76, 22.910, 107.006

76, 32.662, 106.031

75, 42.139, 105.075

75, 51.150, 104.165

75, 59.402, 103.331

74, 66.487, 102.608

74, 71.912, 102.030

76, 22.910, 107.006

77, 13.012, 107.993

77, 3.043, 108.951

78, 6.947, 289.938

78, 16.924, 290.858

79, 26.865, 291.747

80, 33.426, 292.235

80, 33.184,

74, 75.262, 101.621

74, 76.620, 101.414

291.968

80, 32.943, 291.698

80, 32.703, 291.424

Harmonies

Complementary

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

76, 22.910, 107.006

63, 24.114, 291.956

Rectangle

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

76, 22.910, 107.006

76, 22.910, 157.006

76, 22.910, 287.006

76, 22.910, 337.006

Sweetspot

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

76, 22.912, 107.010

97, 8.618, 108.570

65, 17.681, 18.522

52, 5.646, 108.511

99, 0.012, 296.813

52, 0.007, 296.813

Same Dimension

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

76, 22.912, 107.010

96, 34.265, 106.481

75, 24.877, 126.822

40, 5.600, 108.354

62, 66.684, 101.434

11, 16.417, 106.455

Inverse Universe

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

63, 24.114, 291.956

75, 36.562, 292.742

64, 25.732, 309.025

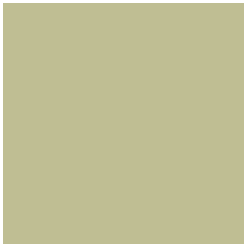
36, 5.718, 290.243

18, 92.502, 305.959

1, 17.151, 290.013

Previews

White Background



This preview shows how the CIELCh color 76, 22.910, 107.006 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, 22.910, 107.006 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, 22.910, 107.006

Background

This preview shows how black text looks on a background with the CIELCh color 76, 22.910, 107.006.

This preview shows how white text looks on a background with the CIELCh color 76, 22.910, 107.006.

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, 22.910, 107.006

Protanopia
76, 22.539, 94.603

Deuteranopia
76, 22.935, 66.101

Tritanopia
76, 9.168, 324.801

Trichromacy

Original Color
76, 22.910, 107.006

Protanomaly
76, 22.710, 98.848

Deuteranomaly
76, 21.682, 81.652

Tritanomaly
76, 4.958, 59.993

Monochromacy

Original Color
76, 22.910, 107.006

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.585, 109.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 22.910, 107.006 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(191, 190, 147) looks like.

```
.text, #text, p{
    color:rgb(191, 190, 147)
}
```

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(191, 190, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 190, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 22.910, 107.006 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(191, 190, 147) }
```

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

```
.border{ border-color:rgb(191, 190, 147) }
```

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

Here you see how a box with a 4 pixel rgb(191, 190, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 190, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 190, 147); box-shadow:4px 4px 4px 4px rgb(191, 190, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 22.910, 107.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(191, 190, 147) }
```

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

```
.background{ background-color:rgb(191,
190, 147) }
```

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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