

Converting Colors

CIELCh(76, 10.820, 38.596)

Have a look what the booklet for
CIELCh(76, 10.820, 38.596) contains.

CIELCh(76, 10.735, 40.497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 10.735, 40.497)

Conversions

Conversions Part 1

Format	Color
Hex	D0B6AF
RGB	208, 182, 175
RGB Percent	82%, 71%, 69%
CMY	0.1848, 0.2867, 0.3142
CMYK	0.00, 0.13, 0.16, 0.18
HSL	13°, 26%, 75%
HSV	13°, 16%, 82%
XYZ	50.4053, 49.8872, 47.4669
YIQ	188.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

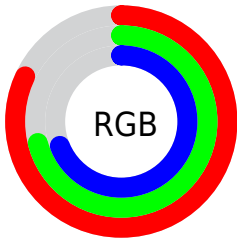
Format	Color
RYB	208, 184, 175
Decimal	13678255
CIELab	76.00, 8.16, 6.97
CIELCh	76, 10.735, 40.497
Yxy	49.8872, 0.3411, 0.3376
Android (android.graphics.Color)	4291868335 (0xFFD0B6AF)
YUV	188.9760, -6.8902, 16.6840
Hunter-Lab	70.6309, 3.7814, 9.5963

Details

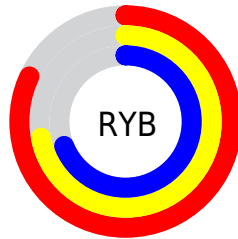
The CIELCh color `76, 10.735, 40.497` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 9.700, 221.585`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.111, 49.858`, and `56, 10.544, 39.165` is the 20% darker color. If you saturate the color by 10%, you get `71, 18.237, 40.448`, and if you desaturate by 10%, it is `81, 3.812, 40.610`.

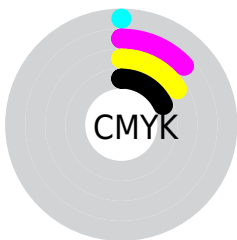
Distribution



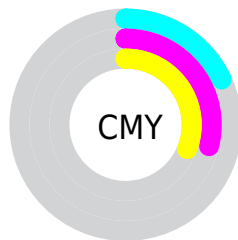
- Red (82%)
- Green (71%)
- Blue (69%)



- Red (82%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 10.735, 40.497 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, 10.735, 40.497 by changing the saturation by 10% instead.

■ 76, 10.735, 40.497

■ 76, 10.735, 40.497

■ 100, 10.735,
40.497

■ 66, 10.735, 40.497

■ 96, 10.735, 40.497

■ 56, 10.735, 40.497

■ 46, 10.735, 40.497

■ 36, 10.735, 40.497

■ 26, 10.735, 40.497

■ 16, 10.735, 40.497

■ 6, 10.735, 40.497

■ 0, 10.735, 40.497

■ 76, 10.735, 40.497

■ 76, 10.735, 40.497

71, 18.237, 40.448

81, 3.812, 40.610

67, 26.360, 40.517

85, 2.580, 221.247

63, 35.120, 40.760

90, 8.500, 221.434

59, 44.486, 41.212

95, 13.589,
215.471

55, 54.346, 41.880

97, 15.667,
198.464

52, 64.425, 42.709

49, 74.093, 43.472

47, 82.020, 43.613

46, 84.850, 43.690

Harmonies

Complementary

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



76, 10.735, 40.497



79, 9.700, 221.585

Rectangle

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



76, 10.735, 40.497



76, 10.735, 90.497



76, 10.735, 220.497



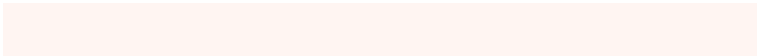
76, 10.735, 270.497

Sweetspot

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



76, 10.734, 40.510



97, 3.819, 40.606



75, 18.710, 331.507



51, 2.613, 40.610



0, 0.000, 0.000



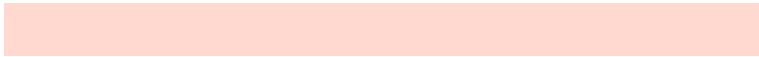
53, 0.007, 296.813

Same Dimension

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



76, 10.734, 40.510



90, 15.377, 40.478



80, 12.818, 91.730



42, 3.755, 40.587



37, 72.144, 44.071



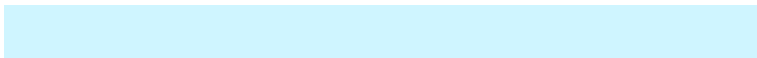
6, 17.656, 31.217

Inverse Universe

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



79, 9.700, 221.585



94, 13.573, 221.760



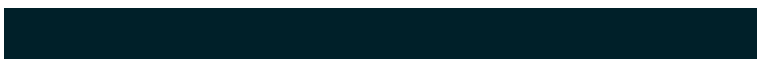
75, 12.856, 275.852



43, 3.544, 221.323



51, 32.382, 237.912



11, 12.200, 228.992

Previews

White Background



This preview shows how the CIELCh color 76, 10.735, 40.497 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, 10.735, 40.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

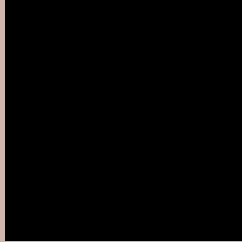
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 10.735, 40.497

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.735, 40.497.



This preview shows how white text looks on a background with the CIELCh color 76, 10.735, 40.497.

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, 10.735, 40.497

Protanopia

76, 5.319, 84.394

Deuteranopia

76, 11.686, 36.143



Tritanopia
76, 13.807, 347.637

Trichromacy



Original Color
76, 10.735, 40.497

Protanomaly
76, 6.548, 60.500

Deuteranomaly
76, 11.305, 36.666

Tritanomaly
76, 11.427, 4.030

Monochromacy



Original Color
76, 10.735, 40.497

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.897, 35.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.735, 40.497 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, 182, 175)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 175)  
}
```

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, 182, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.735, 40.497 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, 182, 175) }
```

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

```
.border{ border-color:rgb(208, 182, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 175);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.735, 40.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 175) }
```

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

```
.background{ background-color: rgb(208,  
182, 175) }
```

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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