

Converting Colors

CIELCh(76, 7.545, 36.360)

Have a look what the booklet for
CIELCh(76, 7.545, 36.360) contains.

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Color

CIELCh(76, 7.554, 36.361)

Conversions

Conversions Part 1

Format	Color
Hex	CAB7B3
RGB	202, 183, 179
RGB Percent	79%, 72%, 70%
CMY	0.2064, 0.2810, 0.2967
CMYK	0.00, 0.09, 0.11, 0.21
HSL	10°, 18%, 75%
HSV	10°, 11%, 79%
XYZ	49.6321, 49.8872, 49.8465
YIQ	188.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

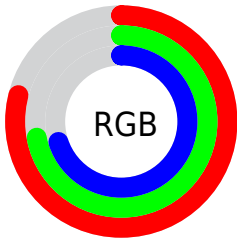
Format	Color
RYB	202, 184, 179
Decimal	13285299
CIELab	76.00, 6.08, 4.48
CIELCh	76, 7.554, 36.361
Yxy	49.8872, 0.3323, 0.3340
Android (android.graphics.Color)	4291475379 (0xFFCAB7B3)
YUV	188.2250, -4.5479, 12.0807
Hunter-Lab	70.6309, 1.8273, 7.5988

Details

The CIELCh color $76, 7.554, 36.361$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 7.024, 216.789$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.101, 39.218$, and $56, 7.714, 37.222$ is the 20% darker color. If you saturate the color by 10%, you get $71, 14.799, 36.475$, and if you desaturate by 10%, it is $81, 0.873, 35.870$.

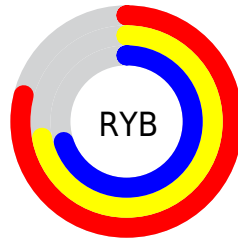
Distribution



Red (79%)

Green (72%)

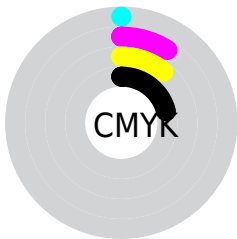
Blue (70%)



Red (79%)

Yellow (72%)

Blue (70%)

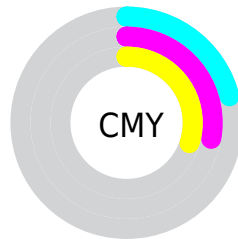


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.554, 36.361 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, 7.554, 36.361 by changing the saturation by 10% instead.

 76, 7.554, 36.361  76, 7.554, 36.361

 100, 7.554, 36.361  66, 7.554, 36.361

 96, 7.554, 36.361  56, 7.554, 36.361

 46, 7.554, 36.361

 36, 7.554, 36.361

 26, 7.554, 36.361

 16, 7.554, 36.361

 6, 7.554, 36.361

 0, 7.554, 36.361

 76, 7.554, 36.361  76, 7.554, 36.361

71, 14.799, 36.475

81, 0.873, 35.870

67, 22.652, 36.698

86, 5.295, 216.746

62, 31.134, 37.106

91, 11.005,
216.892

58, 40.228, 37.745

95, 15.908,
207.412

54, 49.852, 38.650

51, 59.808, 39.813

97, 17.378,
198.354

48, 69.665, 41.110

45, 78.461, 42.133

44, 84.399, 42.622

Harmonies

Complementary

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



76, 7.554, 36.361



79, 7.024, 216.789

Rectangle

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



76, 7.554, 36.361



76, 7.554, 86.361



76, 7.554, 216.361



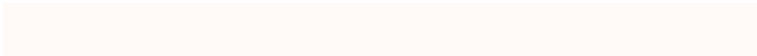
76, 7.554, 266.361

Sweetspot

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



76, 7.553, 36.378



98, 2.323, 36.205



76, 13.393, 330.055



52, 1.767, 36.259



0, 0.000, 0.000



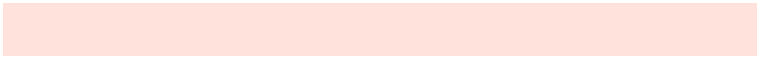
53, 0.007, 296.813

Same Dimension

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



76, 7.553, 36.378



92, 11.352, 36.398



79, 8.656, 89.688



40, 3.762, 36.364



36, 72.419, 42.915



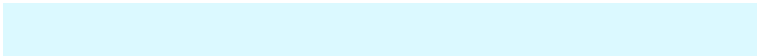
5, 16.230, 28.954

Inverse Universe

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



79, 7.024, 216.789



96, 10.353, 216.848



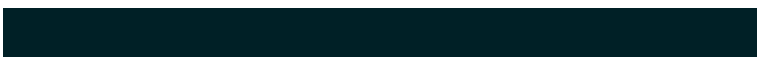
76, 8.646, 272.654



42, 3.545, 216.759



53, 31.556, 229.592



10, 11.792, 221.881

Previews

White Background



This preview shows how the CIELCh color 76, 7.554, 36.361 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, 7.554, 36.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

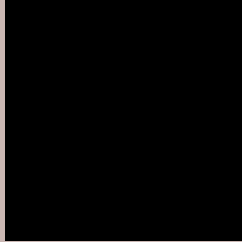
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.554, 36.361

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.554, 36.361.



This preview shows how white text looks on a background with the CIELCh color 76, 7.554, 36.361.

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, 7.554, 36.361

Protanopia

76, 3.711, 79.381

Deuteranopia

76, 10.339, 23.169



Tritanopia
76, 11.680, 340.293

Trichromacy



Original Color
76, 7.554, 36.361

Protanomaly
76, 4.953, 59.996

Deuteranomaly
76, 9.227, 26.744

Tritanomaly
76, 9.071, 355.687

Monochromacy



Original Color
76, 7.554, 36.361

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 2.819, 41.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.554, 36.361 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(202, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(202, 183, 179)  
}
```

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(202, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 183, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.554, 36.361 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(202, 183, 179) }
```

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

```
.border{ border-color:rgb(202, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(202, 183,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.554, 36.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 183, 179) }
```

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

```
.background{ background-color: rgb(202,  
183, 179) }
```

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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