

Converting Colors

CIELCh(76, 9.596, 95.804)

Have a look what the booklet for
CIELCh(76, 9.596, 95.804) contains.

CIELCh(76, 9.392, 95.066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 9.392, 95.066)

Conversions

Conversions Part 1

Format	Color
Hex	C1BBAA
RGB	193, 187, 170
RGB Percent	76%, 73%, 67%
CMY	0.2424, 0.2659, 0.3326
CMYK	0.00, 0.03, 0.12, 0.24
HSL	44°, 16%, 71%
HSV	44°, 12%, 76%
XYZ	47.1195, 49.8872, 45.2634
YIQ	186.8560, 9.0330, -4.0150

Conversions

Conversions Part 2

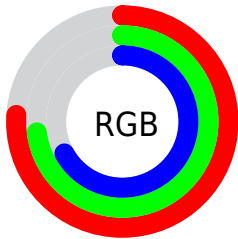
Format	Color
RYB	178, 193, 170
Decimal	12696490
CIELab	76.00, -0.83, 9.36
CIELCh	76, 9.392, 95.066
Yxy	49.8872, 0.3312, 0.3507
Android (android.graphics.Color)	4290886570 (0xFFC1BBAA)
YUV	186.8560, -8.3100, 5.3883
Hunter-Lab	70.6309, -4.5227, 11.4460

Details

The CIELCh color `76, 9.392, 95.066` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 9.464, 278.032`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 9.522, 93.918`, and `56, 9.341, 96.283` is the 20% darker color. If you saturate the color by 10%, you get `74, 17.397, 93.859`, and if you desaturate by 10%, it is `78, 1.487, 96.158`.

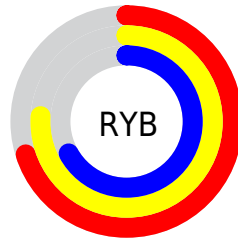
Distribution



Red (76%)

Green (73%)

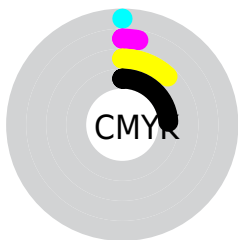
Blue (67%)



Red (70%)

Yellow (76%)

Blue (67%)

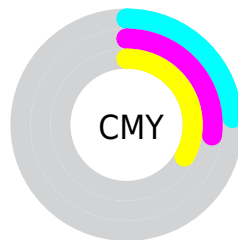


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.392, 95.066 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, 9.392, 95.066 by changing the saturation by 10% instead.

 76, 9.392, 95.066

 76, 9.392, 95.066

 100, 9.392, 95.066

 66, 9.392, 95.066

 96, 9.392, 95.066

 56, 9.392, 95.066

 46, 9.392, 95.066

 36, 9.392, 95.066

 26, 9.392, 95.066

 16, 9.392, 95.066

 6, 9.392, 95.066

 0, 9.392, 95.066

 76, 9.392, 95.066

 76, 9.392, 95.066

74, 17.397, 93.859

78, 1.487, 96.158

73, 25.469, 92.597

80, 6.309, 277.457

71, 33.550, 91.302

81, 13.993,
278.535

69, 41.529, 89.974

83, 21.568,
279.574

68, 49.201, 88.608

66, 56.219, 87.184

85, 23.086,
276.493

65, 62.038, 85.652

86, 20.978,
269.871

64, 65.965, 83.921

62, 67.800, 82.360

88, 19.203,
261.966

89, 17.852,
252.739

90, 17.018,
242.388

Harmonies

Complementary

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



76, 9.392, 95.066



72, 9.464, 278.032

Rectangle

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



76, 9.392, 95.066



76, 9.392, 145.066



76, 9.392, 275.066



76, 9.392, 325.066

Sweetspot

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



76, 9.393, 95.078



97, 3.861, 95.974



72, 9.370, 359.410



52, 2.746, 95.894



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, 9.393, 95.078



95, 13.634, 94.801



77, 12.459, 118.519



40, 4.475, 95.378



53, 59.201, 82.685



9, 13.493, 87.043

Inverse Universe

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



72, 9.464, 278.032



89, 13.749, 278.354



71, 12.769, 300.078



38, 4.505, 277.693



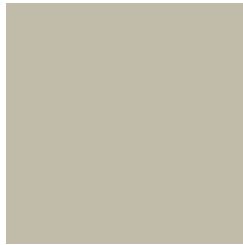
24, 76.195, 299.825



3, 15.986, 282.872

Previews

White Background



This preview shows how the CIELCh color 76, 9.392, 95.066 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, 9.392, 95.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

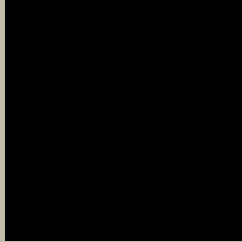
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

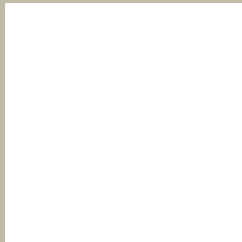
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.392, 95.066

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.392, 95.066.



This preview shows how white text looks on a background with the CIELCh color 76, 9.392, 95.066.

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, 9.392, 95.066

Protanopia

76, 9.609, 90.574

Deuteranopia

76, 12.911, 44.639



Tritanopia
76, 9.615, 322.997

Trichromacy



Original Color
76, 9.392, 95.066

Protanomaly
76, 9.493, 92.796

Deuteranomaly
76, 10.717, 56.677

Tritanomaly
76, 4.420, 358.289

Monochromacy



Original Color
76, 9.392, 95.066

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.295, 96.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.392, 95.066 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(193, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 170)  
}
```

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(193, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.392, 95.066 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(193, 187, 170) }
```

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

```
.border{ border-color:rgb(193, 187, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 187, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(193, 187,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.392, 95.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 170) }
```

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

```
.background{ background-color: rgb(193,  
187, 170) }
```

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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