

Converting Colors

CIELCh(76, 4.623, 54.991)

Have a look what the booklet for
CIELCh(76, 4.623, 54.991) contains.

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Color

CIELCh(76, 4.623, 54.991)

Conversions

Conversions Part 1

Format	Color
Hex	C3B9B4
RGB	195, 185, 180
RGB Percent	76%, 73%, 71%
CMY	0.2333, 0.2726, 0.2922
CMYK	0.00, 0.05, 0.08, 0.23
HSL	20°, 11%, 74%
HSV	20°, 8%, 77%
XYZ	48.3741, 49.8872, 50.5208
YIQ	187.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

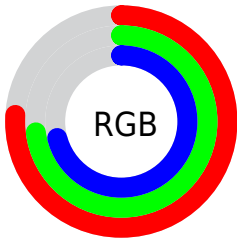
Format	Color
RYB	195, 188, 180
Decimal	12827060
CIELab	76.00, 2.65, 3.79
CIELCh	76, 4.623, 54.991
Yxy	49.8872, 0.3251, 0.3353
Android (android.graphics.Color)	4291017140 (0xFFC3B9B4)
YUV	187.4200, -3.6581, 6.6477
Hunter-Lab	70.6309, -1.3520, 7.0327

Details

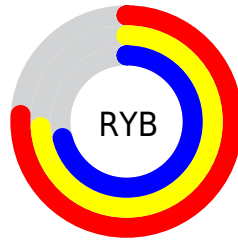
The CIELCh color `76, 4.623, 54.991` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 4.457, 236.496`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 4.682, 52.530`, and `56, 4.617, 57.728` is the 20% darker color. If you saturate the color by 10%, you get `72, 11.034, 54.325`, and if you desaturate by 10%, it is `80, 1.358, 236.267`.

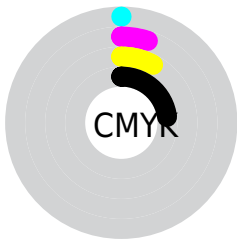
Distribution



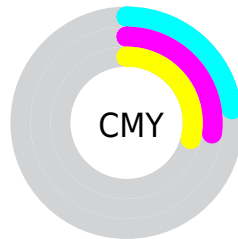
- Red (76%)
- Green (73%)
- Blue (71%)



- Red (76%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (23%)




- Cyan (23%)
- Magenta (27%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.623, 54.991 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, 4.623, 54.991 by changing the saturation by 10% instead.

 76, 4.623, 54.991  76, 4.623, 54.991

 100, 4.623, 54.991  66, 4.623, 54.991

 96, 4.623, 54.991  56, 4.623, 54.991

 46, 4.623, 54.991

 36, 4.623, 54.991

 26, 4.623, 54.991

 16, 4.623, 54.991

 6, 4.623, 54.991

 0, 4.623, 54.991

 76, 4.623, 54.991  76, 4.623, 54.991

72, 11.034, 54.325

80, 1.358, 236.267

68, 17.920, 53.639

84, 6.955, 236.794

65, 25.317, 53.016

88, 12.214,
237.583

61, 33.240, 52.477

92, 16.179,
232.675

58, 41.666, 52.027

55, 50.482, 51.644

95, 18.100,
205.475

52, 59.403, 51.234

96, 19.465,
198.221

49, 67.783, 50.554

47, 74.586, 49.230

Harmonies

Complementary

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



76, 4.623, 54.991



77, 4.457, 236.496

Rectangle

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



76, 4.623, 54.991



76, 4.623, 104.991



76, 4.623, 234.991



76, 4.623, 284.991

Sweetspot

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



76, 4.623, 55.020



99, 1.462, 55.166



75, 7.788, 336.157



53, 0.830, 55.153



0, 0.000, 0.000



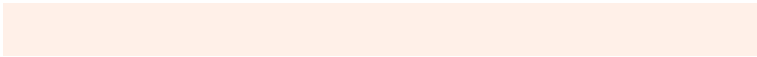
53, 0.007, 296.813

Same Dimension

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



76, 4.623, 55.020



96, 6.760, 54.923



78, 6.728, 101.477



39, 3.410, 54.909



38, 65.465, 49.523



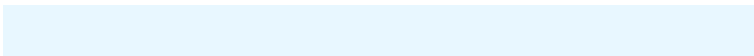
5, 11.749, 41.765

Inverse Universe

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



77, 4.457, 236.496



96, 6.465, 236.619



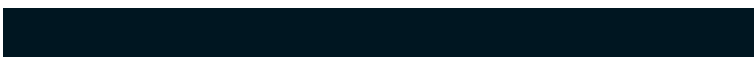
75, 6.809, 283.230



39, 3.257, 236.639



43, 36.463, 261.511



6, 10.827, 250.407

Previews

White Background



This preview shows how the CIELCh color 76, 4.623, 54.991 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, 4.623, 54.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

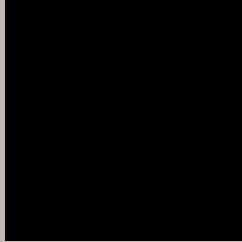
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

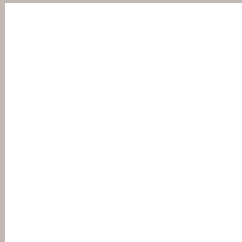
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.623, 54.991

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.623, 54.991.



This preview shows how white text looks on a background with the CIELCh color 76, 4.623, 54.991.

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, 4.623, 54.991

Protanopia

76, 3.711, 79.381

Deuteranopia

76, 10.303, 20.213



Tritanopia
76, 9.379, 326.682

Trichromacy



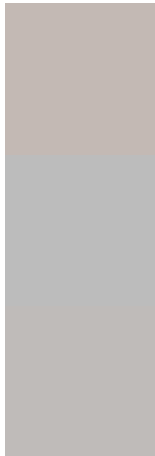
Original Color
76, 4.623, 54.991

Protanomaly
76, 3.745, 65.132

Deuteranomaly
76, 7.676, 27.960

Tritanomaly
76, 6.146, 342.095

Monochromacy



Original Color
76, 4.623, 54.991

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.825, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.623, 54.991 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(195, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 180)  
}
```

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(195, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.623, 54.991 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(195, 185, 180) }
```

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

```
.border{ border-color:rgb(195, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 185, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 185, 180); box-shadow:4px 4px 4px 4px rgb(195, 185, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.623, 54.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 180) }
```

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

```
.background{ background-color: rgb(195,  
185, 180) }
```

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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