

Converting Colors

CIELCh(76, 25.028, 110.567)

Have a look what the booklet for
CIELCh(76, 25.028, 110.567)
contains.

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Color

CIELCh(76, 25.028, 110.567)

Conversions

Conversions Part 1

Format	Color
Hex	BCBF90
RGB	188, 191, 144
RGB Percent	74%, 75%, 56%
CMY	0.2633, 0.2515, 0.4358
CMYK	0.02, 0.00, 0.25, 0.25
HSL	64°, 27%, 66%
HSV	64°, 25%, 75%
XYZ	44.3318, 49.8872, 33.6267
YIQ	184.7450, 13.2990, -15.2530

Conversions

Conversions Part 2

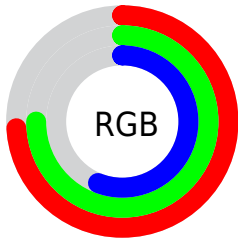
Format	Color
RYB	144, 191, 147
Decimal	12369808
CIELab	76.00, -8.79, 23.43
CIELCh	76, 25.028, 110.567
Yxy	49.8872, 0.3468, 0.3902
Android (android.graphics.Color)	4290559888 (0xFFBCBF90)
YUV	184.7450, -20.0873, 2.8546
Hunter-Lab	70.6309, -11.5678, 21.2143

Details

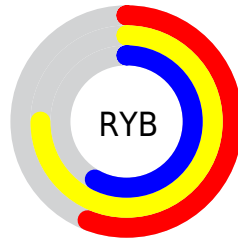
The CIELCh color **76, 25.028, 110.567** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 26.507, 295.238**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 24.895, 109.979**, and **56, 25.353, 111.050** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.948, 109.715**, and if you desaturate by 10%, it is **76, 14.925, 111.437**.

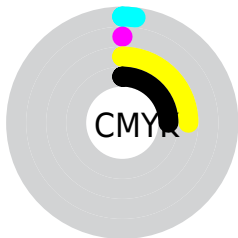
Distribution



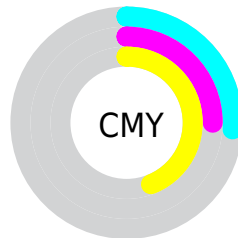
- Red (74%)
- Green (75%)
- Blue (56%)



- Red (56%)
- Yellow (75%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)





- Cyan (26%)
- Magenta (25%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 25.028, 110.567 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, 25.028, 110.567 by changing the saturation by 10% instead.


 76, 25.028,
110.567


 76, 25.028,
110.567


 100, 25.028,
110.567


 66, 25.028,
110.567


 96, 25.028,
110.567

 56, 25.028,
110.567

 46, 25.028,
110.567

 36, 25.028,
110.567

 26, 25.028,
110.567

 16, 25.028,
110.567

 6, 25.028, 110.567

■ 0, 25.028, 110.567

■ 76, 25.028,
110.567

■ 76, 25.028,
110.567

■ 76, 34.948,
109.715

■ 76, 14.925,
111.437

■ 75, 44.542,
108.893

■ 77, 4.723, 112.293

■ 75, 53.602,
108.138

■ 78, 5.518, 293.151

■ 78, 15.756,
293.962

■ 75, 61.818,
107.491

■ 79, 25.965,
294.744

■ 74, 68.769,
107.005

■ 80, 34.323,
295.474

■ 74, 73.976,
106.736

■ 80, 34.345,

■ 74, 77.087,
106.730

296.125

■ 74, 78.182,
106.797

■ 80, 34.370,
296.778

■ 80, 34.399,
297.431

Harmonies

Complementary

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



76, 25.028, 110.567



62, 26.507, 295.238

Rectangle

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



76, 25.028, 110.567



76, 25.028, 160.567



76, 25.028, 290.567



76, 25.028, 340.567

Sweetspot

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



76, 25.030, 110.571



97, 8.829, 112.083



65, 18.191, 25.193



52, 5.784, 112.031



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, 25.030, 110.571



95, 37.502, 110.067



74, 27.130, 129.697



40, 5.737, 111.892



62, 68.002, 106.742



11, 16.975, 111.663

Inverse Universe

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



62, 26.507, 295.238



74, 40.349, 295.999



63, 27.950, 311.901



36, 5.862, 293.548



18, 93.268, 306.515



1, 17.456, 292.421

Previews

White Background



This preview shows how the CIELCh color 76, 25.028, 110.567 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, 25.028, 110.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

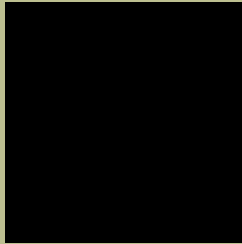
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

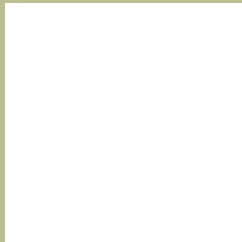
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 25.028, 110.567

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.028, 110.567.

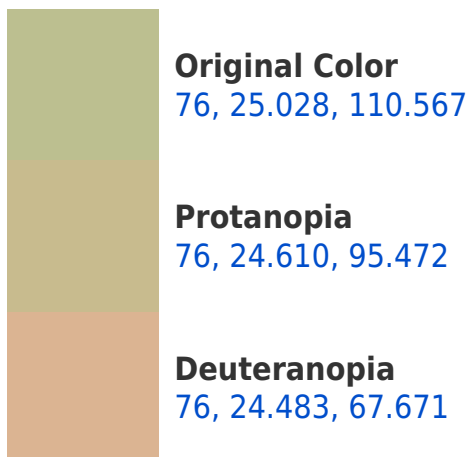



This preview shows how white text looks on a background with the CIELCh color 76, 25.028, 110.567.

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](#).

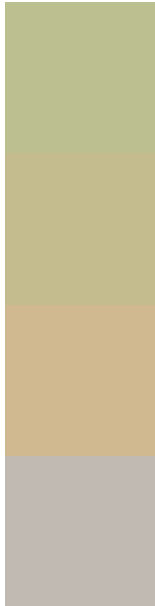
Dichromacy





Tritanopia
76, 8.589, 318.665

Trichromacy



Original Color
76, 25.028, 110.567

Protanomaly
76, 24.219, 100.204

Deuteranomaly
76, 23.145, 83.172

Tritanomaly
76, 4.841, 81.764

Monochromacy



Original Color
76, 25.028, 110.567

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.133, 111.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.028, 110.567 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(188, 191, 144)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 144)  
}
```

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(188, 191, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.028, 110.567 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(188, 191, 144) }
```

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

```
.border{ border-color:rgb(188, 191, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 191, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 191, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 191, 144); box-shadow:4px 4px 4px 4px rgb(188, 191, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.028, 110.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 144) }
```

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

```
.background{ background-color: rgb(188,  
191, 144) }
```

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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