

Converting Colors

CIELCh(76, 25.594, 124.813)

Have a look what the booklet for
CIELCh(76, 25.594, 124.813)
contains.

CIELCh(76, 25.618, 124.807)	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, 25.618, 124.807)

Conversions

Conversions Part 1

Format	Color
Hex	AFC294
RGB	175, 194, 148
RGB Percent	69%, 76%, 58%
CMY	0.3134, 0.2389, 0.4193
CMYK	0.10, 0.00, 0.24, 0.24
HSL	85°, 27%, 67%
HSV	85°, 24%, 76%
XYZ	42.3619, 49.8872, 35.4483
YIQ	183.0750, 3.4420, -18.3340

Conversions

Conversions Part 2

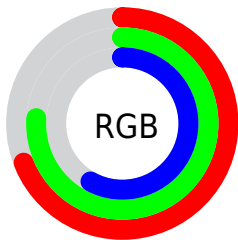
Format	Color
RYB	148, 194, 167
Decimal	11518612
CIELab	76.00, -14.62, 21.03
CIELCh	76, 25.618, 124.807
Yxy	49.8872, 0.3317, 0.3907
Android (android.graphics.Color)	4289708692 (0xFFAFC294)
YUV	183.0750, -17.2920, -7.0818
Hunter-Lab	70.6309, -16.5462, 19.6851

Details

The CIELCh color **76, 25.618, 124.807** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 26.631, 307.238**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 25.993, 124.824**, and **56, 25.407, 124.699** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.276, 124.301**, and if you desaturate by 10%, it is **77, 14.829, 125.318**.

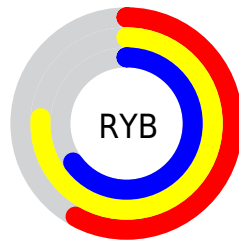
Distribution



Red (69%)

Green (76%)

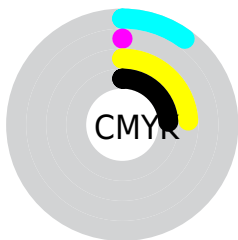
Blue (58%)



Red (58%)

Yellow (76%)

Blue (65%)

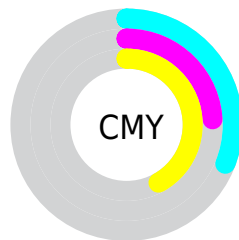


Cyan (10%)

Magenta (0%)

Yellow (24%)

Black (24%)



Cyan (31%)


Magenta (24%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 25.618, 124.807 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, 25.618, 124.807 by changing the saturation by 10% instead.


 76, 25.618,
124.807


 76, 25.618,
124.807


 100, 25.618,
124.807


 66, 25.618,
124.807


 96, 25.618,
124.807

 56, 25.618,
124.807

 46, 25.618,
124.807

 36, 25.618,
124.807

 26, 25.618,
124.807

 16, 25.618,
124.807

 6, 25.618, 124.807

■ 0, 25.618, 124.807

■ 76, 25.618,
124.807

■ 76, 25.618,
124.807

■ 75, 36.276,
124.301

■ 77, 14.829,
125.318

■ 74, 46.660,
123.820

■ 78, 3.998, 125.823

■ 74, 56.573,
123.413

■ 79, 6.807, 306.250

■ 80, 17.540,
306.687

■ 73, 65.721,
123.148

■ 82, 28.166,
307.084

■ 72, 73.708,
123.122

■ 83, 33.858,
309.469

■ 72, 80.063,
123.457

■ 83, 34.688,

■ 71, 84.411,
124.260

313.842

■ 71, 86.369,
124.930

■ 84, 35.704,
318.054

■ 85, 36.894,
322.071

Harmonies

Complementary

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



76, 25.618, 124.807



64, 26.631, 307.238

Rectangle

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



76, 25.618, 124.807



76, 25.618, 174.807



76, 25.618, 304.807



76, 25.618, 354.807

Sweetspot

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



76, 25.620, 124.809



98, 9.370, 125.649



70, 15.073, 61.496



53, 6.139, 125.618



0, 0.000, 0.000



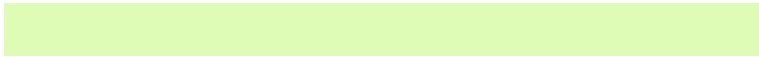
53, 0.007, 296.813

Same Dimension

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



76, 25.620, 124.809



96, 37.406, 124.567



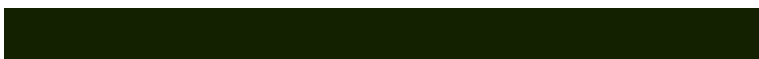
75, 29.392, 140.364



40, 6.125, 125.536



60, 74.932, 124.701



11, 20.483, 129.100

Inverse Universe

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



64, 26.631, 307.238



79, 39.213, 307.528



67, 29.545, 322.851



38, 6.223, 306.429



23, 89.855, 310.219



2, 19.958, 302.449

Previews

White Background



This preview shows how the CIELCh color 76, 25.618, 124.807 looks on a white background.

Color Contrast Check

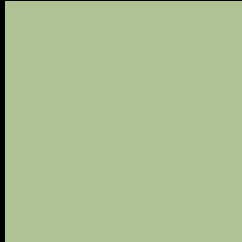
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 25.618, 124.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

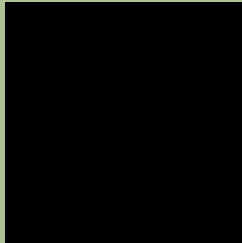
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 25.618, 124.807

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.618, 124.807.

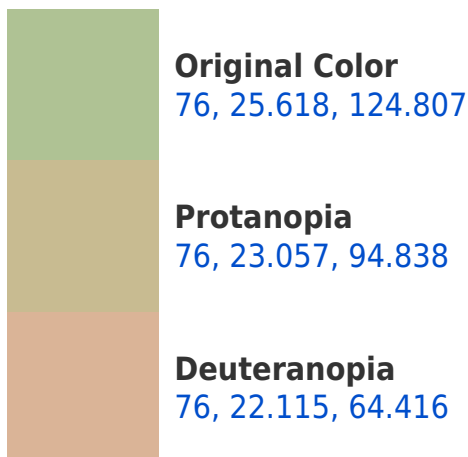


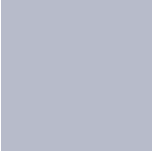
This preview shows how white text looks on a background with the CIELCh color 76, 25.618, 124.807.

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, 8.179, 280.912

Trichromacy



Original Color
76, 25.618, 124.807

Protanomaly
76, 23.437, 106.976

Deuteranomaly
76, 19.988, 88.361

Tritanomaly
76, 5.709, 150.251

Monochromacy



Original Color
76, 25.618, 124.807

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 9.538, 125.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.618, 124.807 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(175, 194, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 148)  
}
```

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(175, 194, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.618, 124.807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

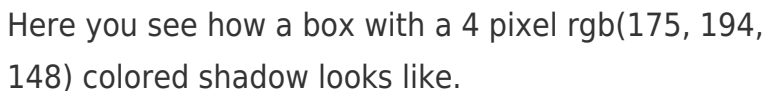
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 194, 148) }
```

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

```
.border{ border-color:rgb(175, 194, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 194, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 194, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 194, 148); box-shadow:4px 4px 4px 4px rgb(175, 194, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.618, 124.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 148) }
```

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

```
.background{ background-color: rgb(175,  
194, 148) }
```

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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