

Converting Colors

CIELCh(76, 36.446, 116.365)

Have a look what the booklet for
CIELCh(76, 36.446, 116.365)
contains.

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Color

CIELCh(76, 36.355, 116.486)

Conversions

Conversions Part 1

Format	Color
Hex	B3C27E
RGB	179, 194, 126
RGB Percent	70%, 76%, 49%
CMY	0.2966, 0.2378, 0.5045
CMYK	0.08, 0.00, 0.35, 0.24
HSL	73°, 36%, 63%
HSV	73°, 35%, 76%
XYZ	41.8348, 49.8872, 27.2787
YIQ	181.7630, 12.8880, -24.3280

Conversions

Conversions Part 2

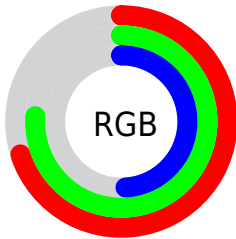
Format	Color
RYB	126, 194, 141
Decimal	11780734
CIELab	76.00, -16.21, 32.54
CIELCh	76, 36.355, 116.486
Yxy	49.8872, 0.3516, 0.4192
Android (android.graphics.Color)	4289970814 (0xFFB3C27E)
YUV	181.7630, -27.4912, -2.4232
Hunter-Lab	70.6309, -17.8781, 26.5430

Details

The CIELCh color **76, 36.355, 116.486** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 39.317, 301.652**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 36.309, 116.501**, and **56, 36.050, 116.495** is the 20% darker color. If you saturate the color by 10%, you get **75, 46.252, 115.873**, and if you desaturate by 10%, it is **77, 26.138, 117.143**.

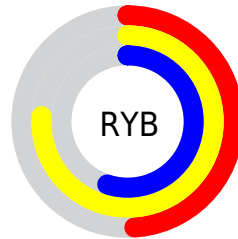
Distribution



Red (70%)

Green (76%)

Blue (49%)



Red (49%)

Yellow (76%)

Blue (55%)

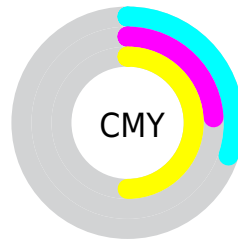


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (24%)



Cyan (30%)


Magenta (24%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 36.355, 116.486 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, 36.355, 116.486 by changing the saturation by 10% instead.


 76, 36.355,
116.486


 76, 36.355,
116.486

 100, 36.355,
116.486


 66, 36.355,
116.486


 96, 36.355,
116.486

 56, 36.355,
116.486

 46, 36.355,
116.486

 36, 36.355,
116.486

 26, 36.355,
116.486

 16, 36.355,
116.486

 6, 36.355, 116.486

0, 36.355, 116.486

76, 36.355,
116.486

76, 36.355,
116.486

75, 46.252,
115.873

77, 26.138,
117.143

75, 55.613,
115.340

77, 15.736,
117.808

74, 64.128,
114.949

78, 5.246, 118.467

79, 5.270, 299.096

74, 71.377,
114.783

80, 15.765,
299.705

74, 76.881,
114.938

81, 26.209,
300.280

73, 80.295,
115.494

82, 32.716,

■ 73, 81.502,
115.863

301.554

■ 82, 32.954,
304.004

■ 82, 33.250,
306.439

Harmonies

Complementary

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



76, 36.355, 116.486



57, 39.317, 301.652

Rectangle

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



76, 36.355, 116.486



76, 36.355, 166.486



76, 36.355, 296.486



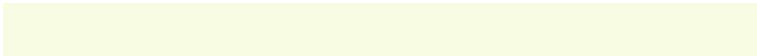
76, 36.355, 346.486

Sweetspot

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



76, 36.357, 116.488



98, 12.983, 118.129



63, 24.186, 40.941



53, 8.929, 118.034



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, 36.357, 116.488



95, 53.538, 116.012



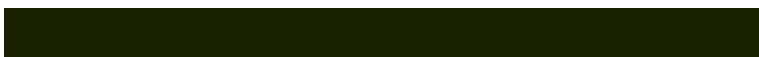
74, 40.939, 134.535



41, 5.938, 118.181



61, 70.715, 115.698



11, 19.231, 119.681

Inverse Universe

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



57, 39.317, 301.652



67, 59.134, 302.462



60, 41.937, 317.749



38, 6.059, 299.421



20, 92.946, 307.519



1, 19.632, 297.075

Previews

White Background



This preview shows how the CIELCh color 76, 36.355, 116.486 looks on a white background.

Color Contrast Check

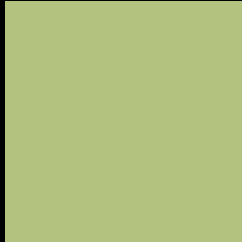
Large Text (above 18pt) WCAG AA × Fail

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, 36.355, 116.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

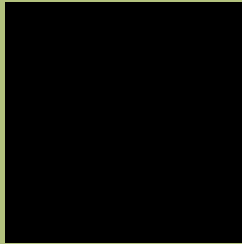
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 36.355, 116.486

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.355, 116.486.



This preview shows how white text looks on a background with the CIELCh color 76, 36.355, 116.486.

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, 36.355, 116.486

Protanopia
76, 34.638, 95.763

Deuteranopia
76, 32.482, 72.893



Tritanopia
76, 8.240, 301.003

Trichromacy



Original Color
76, 36.355, 116.486

Protanomaly
76, 34.920, 104.132

Deuteranomaly
76, 31.301, 90.260

Tritanomaly
76, 8.135, 117.462

Monochromacy



Original Color
76, 36.355, 116.486

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 13.049, 117.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.355, 116.486 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(179, 194, 126)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 126)  
}
```

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(179, 194, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.355, 116.486 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(179, 194, 126) }
```

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

```
.border{ border-color:rgb(179, 194, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 126);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.355, 116.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 126) }
```

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

```
.background{ background-color: rgb(179,  
194, 126) }
```

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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