

Converting Colors

CIELCh(75, 34.527, 113.325)

Have a look what the booklet for
CIELCh(75, 34.527, 113.325)
contains.

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Color

CIELCh(75, 34.587, 113.023)

Conversions

Conversions Part 1

Format	Color
Hex	B5BE7D
RGB	181, 190, 125
RGB Percent	71%, 75%, 49%
CMY	0.2892, 0.2539, 0.5089
CMYK	0.05, 0.00, 0.34, 0.25
HSL	68°, 33%, 62%
HSV	68°, 34%, 75%
XYZ	41.3013, 48.2781, 26.6239
YIQ	179.8990, 15.5010, -22.1230

Conversions

Conversions Part 2

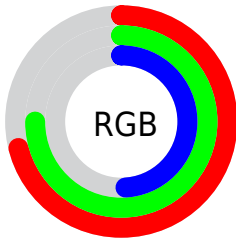
Format	Color
RYB	125, 190, 134
Decimal	11910781
CIELab	75.00, -13.53, 31.83
CIELCh	75, 34.587, 113.023
Yxy	48.2781, 0.3554, 0.4155
Android (android.graphics.Color)	4290100861 (0xFFB5BE7D)
YUV	179.8990, -27.0652, 0.9656
Hunter-Lab	69.4824, -15.4915, 25.9193

Details

The CIELCh color **75, 34.587, 113.023** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 37.510, 298.898**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 34.568, 112.592**, and **55, 34.749, 113.332** is the 20% darker color. If you saturate the color by 10%, you get **75, 44.234, 112.307**, and if you desaturate by 10%, it is **76, 24.631, 113.780**.

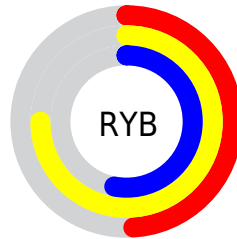
Distribution



Red (71%)

Green (75%)

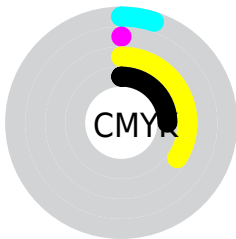
Blue (49%)



Red (49%)

Yellow (75%)

Blue (53%)

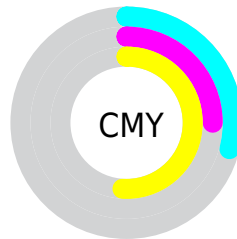


Cyan (5%)

Magenta (0%)

Yellow (34%)

Black (25%)



Cyan (29%)


Magenta (25%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 34.587, 113.023 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 75, 34.587, 113.023 by changing the saturation by 10% instead.


 75, 34.587,
113.023


 75, 34.587,
113.023


 100, 34.587,
113.023


 65, 34.587,
113.023


 95, 34.587,
113.023

 55, 34.587,
113.023

 45, 34.587,
113.023

 35, 34.587,
113.023

 25, 34.587,
113.023

 15, 34.587,
113.023

 5, 34.587, 113.023

■ 0, 34.587, 113.023

■ 75, 34.587,
113.023

■ 75, 34.587,
113.023

■ 75, 44.234,
112.307

■ 76, 24.631,
113.780

■ 74, 53.365,
111.660

■ 76, 14.496,
114.543

■ 74, 61.683,
111.134

■ 77, 4.270, 115.297

■ 77, 5.987, 296.037

■ 73, 68.777,
110.798

■ 78, 16.234,
296.742

■ 73, 74.175,
110.726

■ 79, 26.442,
297.416

■ 73, 77.510,
110.986

■ 80, 34.783,

■ 73, 78.783,
111.243

298.192

■ 80, 34.871,
299.591

■ 80, 34.977,
300.992

Harmonies

Complementary

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



75, 34.587, 113.023



56, 37.510, 298.898

Rectangle

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



75, 34.587, 113.023



75, 34.587, 163.023



75, 34.587, 293.023



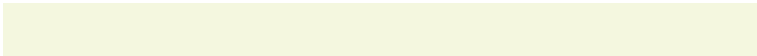
75, 34.587, 343.023

Sweetspot

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



75, 34.589, 113.026



97, 12.667, 114.848



61, 24.422, 33.040



52, 8.710, 114.740



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 34.589, 113.026



94, 50.970, 112.483



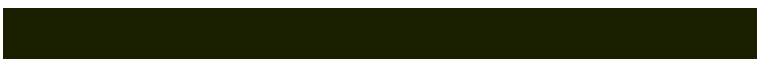
73, 38.337, 132.004



40, 5.762, 114.909



61, 68.672, 111.132



10, 17.181, 116.203

Inverse Universe

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



56, 37.510, 298.898



66, 56.511, 299.849



59, 39.610, 315.063



37, 5.885, 296.352



19, 92.736, 306.879



1, 17.498, 294.493

Previews

White Background



This preview shows how the CIELCh color 75, 34.587, 113.023 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 75, 34.587, 113.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

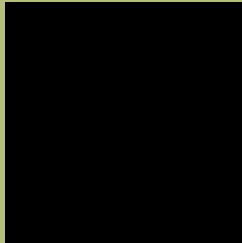
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 34.587, 113.023

Background



This preview shows how black text looks on a background with the CIELCh color 75, 34.587, 113.023.



This preview shows how white text looks on a background with the CIELCh color 75, 34.587, 113.023.

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


75, 34.587, 113.023

Protanopia

75, 33.202, 95.374

Deuteranopia

75, 32.304, 73.448



Tritanopia
75, 8.791, 312.783

Trichromacy



Original Color
75, 34.587, 113.023

Protanomaly
75, 33.070, 101.944

Deuteranomaly
75, 31.168, 88.506

Tritanomaly
75, 7.611, 100.764

Monochromacy



Original Color
75, 34.587, 113.023

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 13.018, 115.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 34.587, 113.023 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(181, 190, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 190, 125)  
}
```

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(181, 190, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 190, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 34.587, 113.023 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(181, 190, 125) }
```

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

```
.border{ border-color:rgb(181, 190, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 190, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 190, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 190, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 190,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 34.587, 113.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 190, 125) }
```

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

```
.background{ background-color: rgb(181,  
190, 125) }
```

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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