

Converting Colors

CIELCh(75, 39.716, 108.817)

Have a look what the booklet for
CIELCh(75, 39.716, 108.817)
contains.

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Color

CIELCh(75, 39.992, 108.757)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BABE72 |
| RGB | 186, 190, 114 |
| RGB Percent | 73%, 75%, 45% |
| CMY | 0.2720, 0.2562, 0.5542 |
| CMYK | 0.02, 0.00, 0.40, 0.26 |
| HSL | 63°, 37%, 59% |
| HSV | 63°, 40%, 74% |
| XYZ | 41.5200, 48.2781, 22.9521 |
| YIQ | 180.1400, 22.0120, -24.4840 |

Conversions

Conversions Part 2

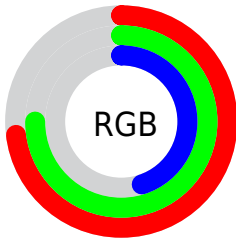
| Format | Color |
|-------------------------------------|--|
| RYB | 114, 190, 118 |
| Decimal | 12238450 |
| CIELab | 75.00, -12.86, 37.87 |
| CIELCh | 75, 39.992, 108.757 |
| Yxy | 48.2781, 0.3682, 0.4282 |
| Android (android.graphics.Color) | 4290428530 (0xFFBABE72) |
| YUV | 180.1400, -32.6070, 5.1392 |
| Hunter-Lab | 69.4824, -14.9296, 29.0525 |

Details

The CIELCh color $75, 39.992, 108.757$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $51, 44.293, 297.059$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 39.865, 108.738$, and $55, 40.146, 109.191$ is the 20% darker color. If you saturate the color by 10%, you get $75, 49.277, 107.953$, and if you desaturate by 10%, it is $75, 30.285, 109.616$.

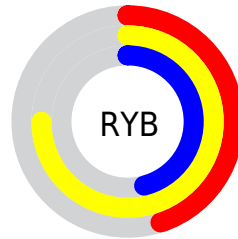
Distribution



Red (73%)

Green (75%)

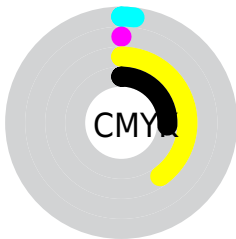
Blue (45%)



Red (45%)

Yellow (75%)

Blue (46%)

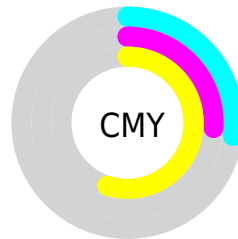


Cyan (2%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (27%)


Magenta (26%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.992, 108.757 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, 39.992, 108.757 by changing the saturation by 10% instead.


 75, 39.992,
108.757


 75, 39.992,
108.757


 100, 39.992,
108.757


 65, 39.992,
108.757


 95, 39.992,
108.757

 55, 39.992,
108.757

 45, 39.992,
108.757

 35, 39.992,
108.757

 25, 39.992,
108.757

 15, 39.992,
108.757

 5, 39.992, 108.757

0, 39.992, 108.757

75, 39.992,
108.757

75, 39.992,
108.757

75, 49.277,
107.953

75, 30.285,
109.616

74, 57.875,
107.232

76, 20.324,
110.495

74, 65.418,
106.642

76, 10.223,
111.376

74, 71.442,
106.238

77, 0.055, 111.478

74, 75.507,
106.068

77, 10.132,
293.103

74, 77.739,
106.114

78, 20.303,
293.919

■ 79, 30.436,
294.701

■ 79, 35.002,
295.327

■ 79, 35.018,
295.849

Harmonies

Complementary

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



75, 39.992, 108.757



51, 44.293, 297.059

Rectangle

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



75, 39.992, 108.757



75, 39.992, 158.757



75, 39.992, 288.757



75, 39.992, 338.757

Sweetspot

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



75, 39.993, 108.760



97, 15.120, 111.189



57, 31.243, 26.799



52, 10.108, 111.073



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, 39.993, 108.760



95, 58.746, 108.052



72, 43.633, 128.953



40, 5.734, 111.438



62, 67.941, 106.071



11, 16.955, 110.969

Inverse Universe

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



51, 44.293, 297.059



59, 67.019, 298.523



55, 45.879, 312.662



36, 5.860, 293.128



18, 93.328, 306.475



1, 17.452, 292.111

Previews

White Background



This preview shows how the CIELCh color 75, 39.992, 108.757 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 75, 39.992, 108.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

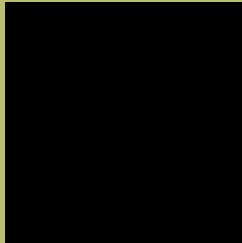
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.992, 108.757

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.992, 108.757.



This preview shows how white text looks on a background with the CIELCh color 75, 39.992, 108.757.

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, 39.992, 108.757

Protanopia
75, 39.327, 95.849

Deuteranopia
75, 37.933, 74.988



Tritanopia
75, 9.407, 326.688

Trichromacy



Original Color
75, 39.992, 108.757

Protanomaly
75, 39.241, 100.856

Deuteranomaly
75, 36.779, 87.875

Tritanomaly
75, 10.667, 92.244

Monochromacy



Original Color
75, 39.992, 108.757

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 15.077, 111.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.992, 108.757 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(186, 190, 114)` looks like.

```
.text, #text, p{  
    color:rgb(186, 190, 114)  
}
```

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(186, 190, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 190, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.992, 108.757 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(186, 190, 114) }
```

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

```
.border{ border-color:rgb(186, 190, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 190, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 190, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 190, 114);  
box-shadow:4px 4px 4px 4px rgb(186, 190,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.992, 108.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 190, 114) }
```

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

```
.background{ background-color: rgb(186,  
190, 114) }
```

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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