

Converting Colors

CIELCh(75, 8.581, 109.356)

Have a look what the booklet for
CIELCh(75, 8.581, 109.356) contains.

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Color

CIELCh(75, 8.593, 109.354)

Conversions

Conversions Part 1

Format	Color
Hex	BABAAA
RGB	186, 186, 170
RGB Percent	73%, 73%, 67%
CMY	0.2718, 0.2718, 0.3345
CMYK	0.00, 0.00, 0.09, 0.27
HSL	60°, 10%, 70%
HSV	60°, 9%, 73%
XYZ	44.8947, 48.2781, 44.8316
YIQ	184.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

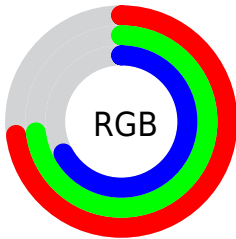
Format	Color
RYB	170, 186, 170
Decimal	12237482
CIELab	75.00, -2.85, 8.11
CIELCh	75, 8.593, 109.354
Yxy	48.2781, 0.3253, 0.3498
Android (android.graphics.Color)	4290427562 (0xFFBABAAA)
YUV	184.1760, -6.9888, 1.5996
Hunter-Lab	69.4824, -6.2601, 10.3825

Details

The CIELCh color $75, 8.593, 109.354$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 8.770, 291.067$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.691, 109.492$, and $55, 8.565, 109.128$ is the 20% darker color. If you saturate the color by 10%, you get $75, 18.527, 108.407$, and if you desaturate by 10%, it is $75, 1.394, 290.363$.

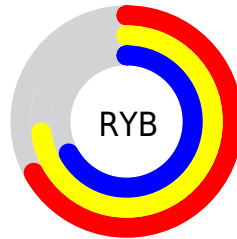
Distribution



Red (73%)

Green (73%)

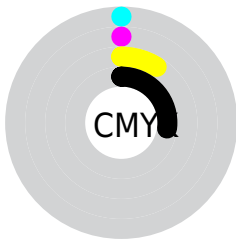
Blue (67%)



Red (67%)

Yellow (73%)

Blue (67%)

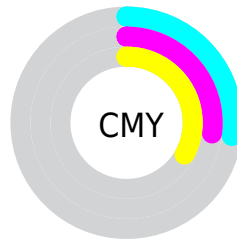


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.593, 109.354 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, 8.593, 109.354 by changing the saturation by 10% instead.

■ 75, 8.593, 109.354

■ 75, 8.593, 109.354

■ 100, 8.593,
109.354

■ 65, 8.593, 109.354

■ 95, 8.593, 109.354

■ 55, 8.593, 109.354

■ 45, 8.593, 109.354

■ 35, 8.593, 109.354

■ 25, 8.593, 109.354

■ 15, 8.593, 109.354

■ 5, 8.593, 109.354

■ 0, 8.593, 109.354

■ 75, 8.593, 109.354

■ 75, 8.593, 109.354

75, 18.527,
108.407

75, 1.394, 290.363

74, 28.335,
107.449

76, 11.396,
291.250

74, 37.917,
106.510

77, 21.381,
292.144

74, 47.112,
105.614

77, 31.327,
293.003

73, 55.678,
104.788

78, 37.209,
293.495

73, 63.265,
104.069

78, 37.209,
293.498

73, 69.425,
103.497

78, 37.209,
293.500

73, 73.713,
103.106

78, 37.209,
293.502

73, 76.080,

78, 37.209,
293.505

Harmonies

Complementary

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



75, 8.593, 109.354



70, 8.770, 291.067

Rectangle

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



75, 8.593, 109.354



75, 8.593, 159.354



75, 8.593, 289.354



75, 8.593, 339.354

Sweetspot

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



75, 8.595, 109.363



95, 3.711, 109.881



71, 6.128, 19.859



51, 2.837, 109.808



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 8.595, 109.363



95, 12.379, 109.216



74, 9.158, 128.705



39, 5.600, 109.295



62, 66.992, 102.868



10, 15.132, 108.855

Inverse Universe

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



70, 8.770, 291.067



88, 12.672, 291.236



71, 9.275, 309.437



35, 5.722, 291.144



17, 92.503, 306.288



1, 15.385, 290.305

Previews

White Background



This preview shows how the CIELCh color 75, 8.593, 109.354 looks on a white background.

Color Contrast Check

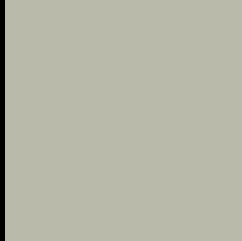
Large Text (above 18pt) WCAG AA × Fail

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, 8.593, 109.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

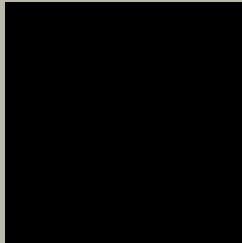
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

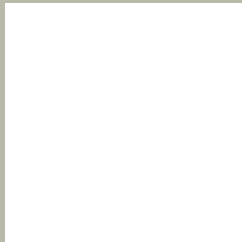
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.593, 109.354

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.593, 109.354.



This preview shows how white text looks on a background with the CIELCh color 75, 8.593, 109.354.

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, 8.593, 109.354

Protanopia

75, 8.622, 88.431

Deuteranopia

75, 11.914, 38.574



Tritanopia
75, 8.145, 311.806

Trichromacy



Original Color
75, 8.593, 109.354

Protanomaly
75, 8.799, 96.716

Deuteranomaly
75, 8.798, 57.377

Tritanomaly
75, 2.483, 338.685

Monochromacy



Original Color
75, 8.593, 109.354

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.223, 109.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.593, 109.354 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, 186, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 186, 170)  
}
```

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, 186, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 186, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.593, 109.354 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, 186, 170) }
```

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

```
.border{ border-color:rgb(186, 186, 170) }
```

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

Here you see how a box with a 4 pixel rgb(186, 186, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 186, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 186, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 186,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.593, 109.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 186, 170) }
```

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

```
.background{ background-color: rgb(186,  
186, 170) }
```

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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