

Converting Colors

CIELCh(77, 9.090, 108.632)

Have a look what the booklet for
CIELCh(77, 9.090, 108.632) contains.

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Color

CIELCh(77, 9.085, 109.324)

Conversions

Conversions Part 1

Format	Color
Hex	BFBFAE
RGB	191, 191, 174
RGB Percent	75%, 75%, 68%
CMY	0.2501, 0.2501, 0.3168
CMYK	0.00, 0.00, 0.09, 0.25
HSL	60°, 12%, 72%
HSV	60°, 9%, 75%
XYZ	47.8856, 51.5317, 47.5819
YIQ	189.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

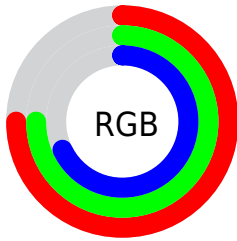
Format	Color
RYB	174, 191, 174
Decimal	12566446
CIELab	77.00, -3.01, 8.57
CIELCh	77, 9.085, 109.324
Yxy	51.5317, 0.3258, 0.3506
Android (android.graphics.Color)	4290756526 (0xFFBFBFAE)
YUV	189.0620, -7.4256, 1.6996
Hunter-Lab	71.7856, -6.5538, 10.9505

Details

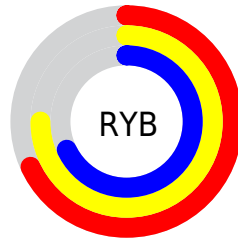
The CIELCh color `77, 9.085, 109.324` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 9.278, 291.097`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 9.167, 109.466`, and `57, 9.075, 109.095` is the 20% darker color. If you saturate the color by 10%, you get `77, 19.256, 108.374`, and if you desaturate by 10%, it is `77, 1.143, 290.345`.

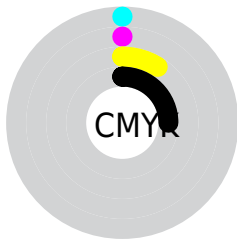
Distribution



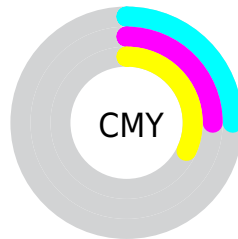
- Red (75%)
- Green (75%)
- Blue (68%)



- Red (68%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.085, 109.324 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 77, 9.085, 109.324 by changing the saturation by 10% instead.

■ 77, 9.085, 109.324

■ 77, 9.085, 109.324

■ 100, 9.085,
109.324

■ 67, 9.085, 109.324

■ 97, 9.085, 109.324

■ 57, 9.085, 109.324

■ 47, 9.085, 109.324

■ 37, 9.085, 109.324

■ 27, 9.085, 109.324

■ 17, 9.085, 109.324

■ 7, 9.085, 109.324

■ 0, 9.085, 109.324

■ 77, 9.085, 109.324

■ 77, 9.085, 109.324

77, 19.256,
108.374

77, 1.143, 290.345

76, 29.297,
107.415

78, 11.387,
291.225

76, 39.100,
106.475

79, 21.614,
292.121

76, 48.499,
105.578

79, 31.803,
292.983

75, 57.240,
104.755

79, 34.077,
293.172

75, 64.960,
104.040

79, 34.077,
293.174

75, 71.197,
103.473

79, 34.077,
293.176

75, 75.494,
103.090

79, 34.077,
293.179

75, 77.829,

79, 34.077,
293.181

Harmonies

Complementary

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



77, 9.085, 109.324



72, 9.278, 291.097

Rectangle

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



77, 9.085, 109.324



77, 9.085, 159.324



77, 9.085, 289.324



77, 9.085, 339.324

Sweetspot

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



77, 9.087, 109.333



97, 3.774, 109.878



73, 6.486, 19.882



52, 2.886, 109.805



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 9.087, 109.333



97, 13.847, 109.116



76, 9.684, 128.691



40, 5.728, 109.290



63, 67.797, 102.865



11, 16.898, 107.657

Inverse Universe

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



72, 9.278, 291.097



89, 14.205, 291.349



72, 9.810, 309.451



36, 5.854, 291.146



18, 93.615, 306.288



1, 17.439, 290.644

Previews

White Background



This preview shows how the CIELCh color 77, 9.085, 109.324 looks on a white background.

Color Contrast Check

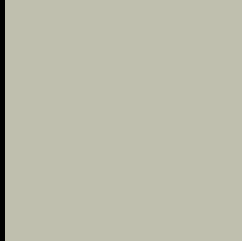
Large Text (above 18pt) WCAG AA × Fail

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 77, 9.085, 109.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

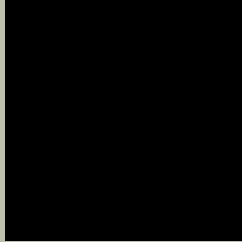
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

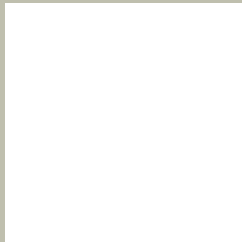
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 9.085, 109.324

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.085, 109.324.



This preview shows how white text looks on a background with the CIELCh color 77, 9.085, 109.324.

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


77, 9.085, 109.324

Protanopia

77, 9.082, 89.590

Deuteranopia

77, 12.597, 37.490



Tritanopia
77, 8.608, 310.528

Trichromacy



Original Color
77, 9.085, 109.324

Protanomaly
77, 9.278, 97.397

Deuteranomaly
77, 9.711, 57.023

Tritanomaly
77, 2.468, 338.675

Monochromacy



Original Color
77, 9.085, 109.324

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.207, 109.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.085, 109.324 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(191, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 174)  
}
```

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(191, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.085, 109.324 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(191, 191, 174) }
```

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

```
.border{ border-color:rgb(191, 191, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 174);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.085, 109.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 174) }
```

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

```
.background{ background-color: rgb(191,  
191, 174) }
```

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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