

Converting Colors

CIELCh(75, 8.406, 114.359)

Have a look what the booklet for
CIELCh(75, 8.406, 114.359) contains.

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Color

CIELCh(75, 8.636, 114.426)

Conversions

Conversions Part 1

Format	Color
Hex	B8BAAA
RGB	184, 186, 170
RGB Percent	72%, 73%, 67%
CMY	0.2780, 0.2701, 0.3329
CMYK	0.01, 0.00, 0.09, 0.27
HSL	68°, 10%, 70%
HSV	68°, 9%, 73%
XYZ	44.6449, 48.2781, 45.0528
YIQ	183.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

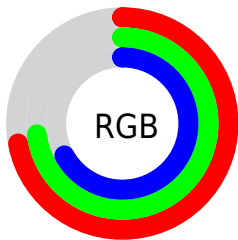
Format	Color
RYB	170, 186, 172
Decimal	12106410
CIELab	75.00, -3.57, 7.86
CIELCh	75, 8.636, 114.426
Yxy	48.2781, 0.3236, 0.3499
Android (android.graphics.Color)	4290296490 (0xFFB8BAAA)
YUV	183.5780, -6.6940, 0.3701
Hunter-Lab	69.4824, -6.9017, 10.1937

Details

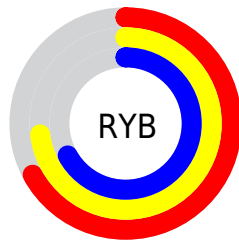
The CIELCh color `75, 8.636, 114.426` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70, 8.810, 295.788`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.730, 114.243`, and `55, 8.614, 114.580` is the 20% darker color. If you saturate the color by 10%, you get `74, 18.641, 113.658`, and if you desaturate by 10%, it is `76, 1.420, 295.209`.

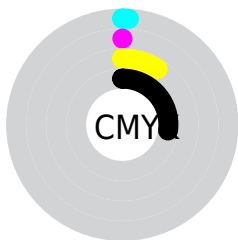
Distribution



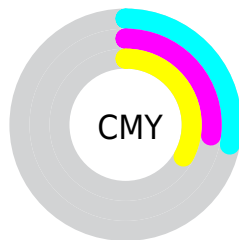
- Red (72%)
- Green (73%)
- Blue (67%)



- Red (67%)
- Yellow (73%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.636, 114.426 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, 8.636, 114.426 by changing the saturation by 10% instead.

■ 75, 8.636, 114.426

■ 75, 8.636, 114.426

■ 100, 8.636,
114.426

■ 65, 8.636, 114.426

■ 95, 8.636, 114.426

■ 55, 8.636, 114.426

■ 45, 8.636, 114.426

■ 35, 8.636, 114.426

■ 25, 8.636, 114.426

■ 15, 8.636, 114.426

■ 5, 8.636, 114.426

■ 0, 8.636, 114.426

■ 75, 8.636, 114.426

■ 75, 8.636, 114.426

74, 18.641,
113.658

76, 1.420, 295.209

74, 28.521,
112.879

76, 11.485,
295.937

73, 38.174,
112.121

77, 21.525,
296.642

73, 47.444,
111.411

78, 31.516,
297.312

73, 56.093,
110.790

79, 37.116,
298.176

72, 63.780,
110.315

79, 37.187,
299.327

72, 70.064,
110.054

79, 37.271,
300.480

72, 74.497,
110.079

79, 37.370,
301.634

72, 77.020,

79, 37.482,
302.788

Harmonies

Complementary

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



75, 8.636, 114.426



70, 8.810, 295.788

Rectangle

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



75, 8.636, 114.426



75, 8.636, 164.426



75, 8.636, 294.426



75, 8.636, 344.426

Sweetspot

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



75, 8.638, 114.434



95, 3.729, 114.856



71, 5.502, 30.372



51, 2.851, 114.796



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, 8.638, 114.434



95, 12.442, 114.313



74, 9.426, 132.695



39, 5.628, 114.378



61, 67.705, 110.357



9, 15.387, 116.790

Inverse Universe

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



70, 8.810, 295.788



88, 12.730, 295.924



71, 9.518, 313.376



36, 5.748, 295.851



18, 91.738, 306.806



1, 15.429, 293.918

Previews

White Background



This preview shows how the CIELCh color 75, 8.636, 114.426 looks on a white background.

Color Contrast Check

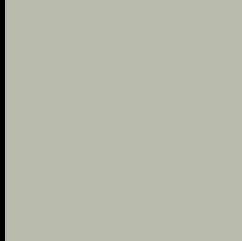
Large Text (above 18pt) WCAG AA × Fail

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, 8.636, 114.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

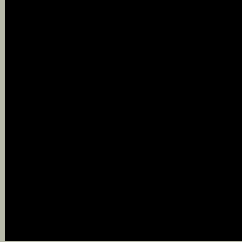
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

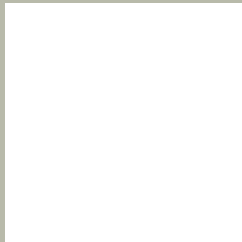
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.636, 114.426

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.636, 114.426.



This preview shows how white text looks on a background with the CIELCh color 75, 8.636, 114.426.

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, 8.636, 114.426

Protanopia

75, 8.492, 90.880

Deuteranopia

75, 11.728, 36.145



Tritanopia
75, 8.429, 305.870

Trichromacy



Original Color
75, 8.636, 114.426

Protanomaly
75, 8.668, 101.709

Deuteranomaly
75, 8.798, 57.377

Tritanomaly
75, 2.640, 324.465

Monochromacy



Original Color
75, 8.636, 114.426

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.249, 116.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.636, 114.426 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(184, 186, 170)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 186, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 186, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.636, 114.426 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(184, 186, 170) }
```

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

```
.border{ border-color:rgb(184, 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(184, 186, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 186, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 186, 170);  
box-shadow:4px 4px 4px 4px rgb(184, 186,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.636, 114.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 186, 170) }
```

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

```
.background{ background-color: rgb(184,  
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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