

Converting Colors

CIELCh(71, 7.875, 94.014)

Have a look what the booklet for
CIELCh(71, 7.875, 94.014) contains.

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Color

CIELCh(71, 7.841, 95.067)

Conversions

Conversions Part 1

Format	Color
Hex	B3AEA0
RGB	179, 174, 160
RGB Percent	70%, 68%, 63%
CMY	0.2995, 0.3191, 0.3740
CMYK	0.00, 0.03, 0.11, 0.30
HSL	44°, 11%, 66%
HSV	44°, 11%, 70%
XYZ	39.8762, 42.1875, 39.1268
YIQ	173.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

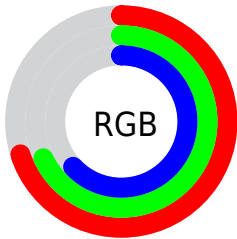
Format	Color
RYB	167, 179, 160
Decimal	11775648
CIELab	71.00, -0.69, 7.81
CIELCh	71, 7.841, 95.067
Yxy	42.1875, 0.3290, 0.3481
Android (android.graphics.Color)	4289965728 (0xFFB3AEA0)
YUV	173.8990, -6.8522, 4.4736
Hunter-Lab	64.9519, -4.0785, 9.7503

Details

The CIELCh color $71, 7.841, 95.067$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.896, 277.700$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.540, 92.626$, and $51, 7.712, 96.669$ is the 20% darker color. If you saturate the color by 10%, you get $69, 15.324, 93.873$, and if you desaturate by 10%, it is $73, 0.455, 95.887$.

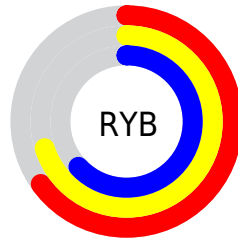
Distribution



Red (70%)

Green (68%)

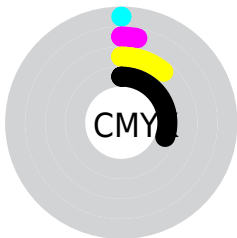
Blue (63%)



Red (65%)

Yellow (70%)

Blue (63%)

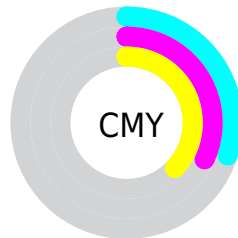


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.841, 95.067 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 71, 7.841, 95.067 by changing the saturation by 10% instead.

■ 71, 7.841, 95.067

■ 71, 7.841, 95.067

■ 100, 7.841, 95.067

■ 61, 7.841, 95.067

■ 91, 7.841, 95.067

■ 51, 7.841, 95.067

■ 41, 7.841, 95.067

■ 31, 7.841, 95.067

■ 21, 7.841, 95.067

■ 11, 7.841, 95.067

■ 1, 7.841, 95.067

■ 0, 7.841, 95.067

■ 71, 7.841, 95.067

■ 71, 7.841, 95.067

69, 15.324, 93.873

73, 0.455, 95.887

68, 22.877, 92.621

74, 6.828, 277.438

66, 30.452, 91.335

76, 14.005,
278.508

65, 37.953, 90.017

78, 21.080,
279.538

63, 45.211, 88.662

62, 51.926, 87.252

80, 28.056,
280.519

60, 57.626, 85.745

81, 28.922,
278.042

59, 61.677, 84.056

58, 63.945, 82.287

82, 26.824,
273.268

84, 24.937,
267.774

85, 23.310,
261.500

Harmonies

Complementary

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



71, 7.841, 95.067



68, 7.896, 277.700

Rectangle

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



71, 7.841, 95.067



71, 7.841, 145.067



71, 7.841, 275.067



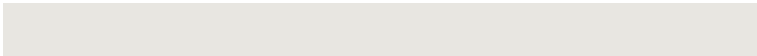
71, 7.841, 325.067

Sweetspot

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



71, 7.842, 95.080



91, 2.716, 95.919



67, 7.826, 359.265



49, 2.078, 95.842



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 7.842, 95.080



89, 11.885, 94.773



72, 10.437, 118.605



37, 4.171, 95.234



50, 57.098, 82.577



6, 9.095, 88.936

Inverse Universe

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



68, 7.896, 277.700



84, 11.977, 278.052



67, 10.670, 299.981



35, 4.198, 277.528



23, 73.000, 299.598



2, 10.749, 280.221

Previews

White Background



This preview shows how the CIELCh color 71, 7.841, 95.067 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 71, 7.841, 95.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

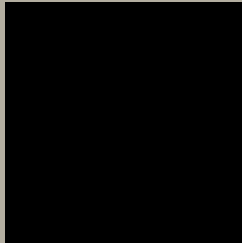
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

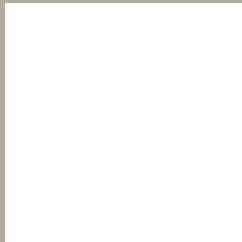
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.841, 95.067

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.841, 95.067.



This preview shows how white text looks on a background with the CIELCh color 71, 7.841, 95.067.

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


71, 7.841, 95.067

Protanopia

71, 8.076, 89.663

Deuteranopia

71, 11.302, 39.804



Tritanopia
71, 8.426, 322.682

Trichromacy



Original Color
71, 7.841, 95.067

Protanomaly
71, 7.954, 92.325

Deuteranomaly
71, 8.911, 53.095

Tritanomaly
71, 4.377, 349.807

Monochromacy



Original Color
71, 7.841, 95.067

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.812, 94.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.841, 95.067 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(179, 174, 160)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 160)  
}
```

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(179, 174, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.841, 95.067 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(179, 174, 160) }
```

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

```
.border{ border-color:rgb(179, 174, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 160);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.841, 95.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 160) }
```

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

```
.background{ background-color: rgb(179,  
174, 160) }
```

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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