

Converting Colors

CIELCh(70, 27.681, 93.831)

Have a look what the booklet for
CIELCh(70, 27.681, 93.831) contains.

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Color

CIELCh(70, 27.820, 94.309)

Conversions

Conversions Part 1

Format	Color
Hex	BAAB79
RGB	186, 171, 121
RGB Percent	73%, 67%, 47%
CMY	0.2721, 0.3308, 0.5269
CMYK	0.00, 0.08, 0.35, 0.27
HSL	46°, 32%, 60%
HSV	46°, 35%, 73%
XYZ	38.0796, 40.7494, 23.8344
YIQ	169.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

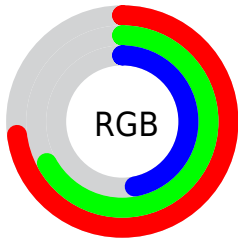
Format	Color
RYB	141, 186, 121
Decimal	12233593
CIELab	70.00, -2.09, 27.74
CIELCh	70, 27.820, 94.309
Yxy	40.7494, 0.3709, 0.3969
Android (android.graphics.Color)	4290423673 (0xFFBAAB79)
YUV	169.7850, -24.0510, 14.2206
Hunter-Lab	63.8353, -5.2313, 22.5474

Details

The CIELCh color **70, 27.820, 94.309** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 28.739, 283.721**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.636, 94.000**, and **50, 27.685, 94.104** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.771, 93.051**, and if you desaturate by 10%, it is **71, 19.817, 95.549**.

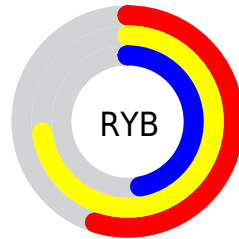
Distribution



Red (73%)

Green (67%)

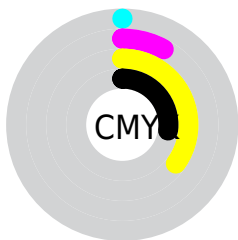
Blue (47%)



Red (55%)

Yellow (73%)

Blue (47%)

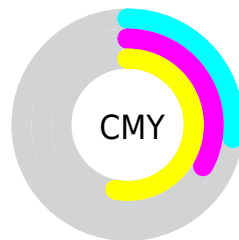


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 27.820, 94.309 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 70, 27.820, 94.309 by changing the saturation by 10% instead.

■ 70, 27.820, 94.309

■ 70, 27.820, 94.309

■ 100, 27.820,
94.309

■ 60, 27.820, 94.309

■ 90, 27.820, 94.309

■ 50, 27.820, 94.309

■ 40, 27.820, 94.309

■ 30, 27.820, 94.309

■ 20, 27.820, 94.309

■ 10, 27.820, 94.309

■ 0, 27.820, 94.309

■ 70, 27.820, 94.309

■ 70, 27.820, 94.309

■ 69, 35.771, 93.051

■ 71, 19.817, 95.549

67, 43.526, 91.764

73, 11.836, 96.750

66, 50.843, 90.449

75, 3.919, 97.891

65, 57.324, 89.087

76, 3.912, 279.104

63, 62.395, 87.634

78, 11.649,
280.158

62, 65.428, 86.011

80, 19.291,
281.188

62, 66.474, 85.162

81, 26.838,
282.171

82, 27.038,
279.353

84, 25.089,
274.821

Harmonies

Complementary

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



70, 27.820, 94.309



57, 28.739, 283.721

Rectangle

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



70, 27.820, 94.309



70, 27.820, 144.309



70, 27.820, 274.309



70, 27.820, 324.309

Sweetspot

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



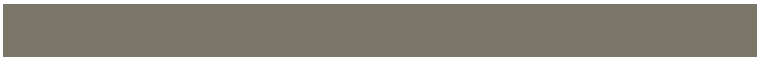
70, 27.821, 94.314



93, 10.751, 97.196



58, 27.568, 4.817



50, 7.289, 97.038



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 27.821, 94.314



88, 41.462, 93.344



73, 35.269, 118.423



38, 4.415, 97.409



52, 58.403, 85.439



7, 10.897, 91.379

Inverse Universe

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



57, 28.739, 283.721



68, 43.299, 285.293



55, 37.986, 303.141



36, 4.456, 279.653



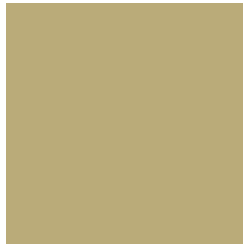
22, 77.157, 300.979



2, 12.843, 282.345

Previews

White Background



This preview shows how the CIELCh color 70, 27.820, 94.309 looks on a white background.

Color Contrast Check

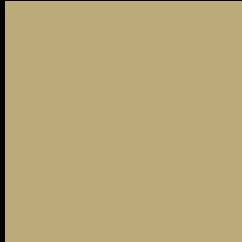
Large Text (above 18pt) WCAG AA × Fail

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 70, 27.820, 94.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

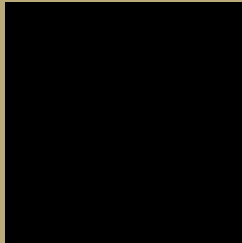
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.820, 94.309

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.820, 94.309.



This preview shows how white text looks on a background with the CIELCh color 70, 27.820, 94.309.

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

70, 27.820, 94.309

Protanopia

70, 27.721, 95.159

Deuteranopia

70, 28.566, 72.328



Tritanopia
70, 13.112, 347.859

Trichromacy



Original Color
70, 27.820, 94.309

Protanomaly
70, 27.721, 95.159

Deuteranomaly
70, 27.503, 79.181

Tritanomaly
70, 10.984, 49.717

Monochromacy



Original Color
70, 27.820, 94.309

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 10.544, 98.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.820, 94.309 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, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 121)  
}
```

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, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.820, 94.309 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, 171, 121) }
```

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

```
.border{ border-color:rgb(186, 171, 121) }
```

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

Here you see how a box with a 4 pixel rgb(186, 171, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.820, 94.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 121) }
```

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

```
.background{ background-color: rgb(186,  
171, 121) }
```

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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