

Converting Colors

CIELCh(69, 11.773, 87.178)

Have a look what the booklet for
CIELCh(69, 11.773, 87.178) contains.

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Color

CIELCh(69, 11.786, 87.166)

Conversions

Conversions Part 1

Format	Color
Hex	B2A793
RGB	178, 167, 147
RGB Percent	70%, 65%, 58%
CMY	0.3009, 0.3441, 0.4225
CMYK	0.00, 0.06, 0.17, 0.30
HSL	39°, 17%, 64%
HSV	39°, 17%, 70%
XYZ	37.5744, 39.3444, 33.3233
YIQ	168.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

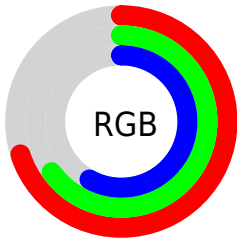
Format	Color
RYB	164, 178, 147
Decimal	11708307
CIELab	69.00, 0.58, 11.77
CIELCh	69, 11.786, 87.166
Yxy	39.3444, 0.3408, 0.3569
Android (android.graphics.Color)	4289898387 (0xFFB2A793)
YUV	168.0090, -10.3574, 8.7621
Hunter-Lab	62.7251, -2.8416, 12.4092

Details

The CIELCh color **69, 11.786, 87.166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 11.695, 271.804**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 11.780, 86.807**, and **49, 11.939, 87.348** is the 20% darker color. If you saturate the color by 10%, you get **67, 18.784, 85.873**, and if you desaturate by 10%, it is **71, 4.947, 88.418**.

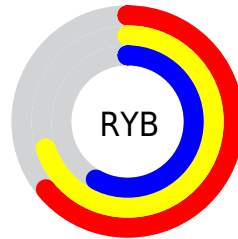
Distribution



Red (70%)

Green (65%)

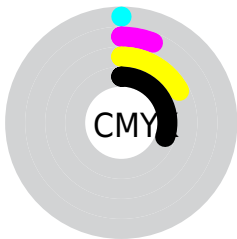
Blue (58%)



Red (64%)

Yellow (70%)

Blue (58%)

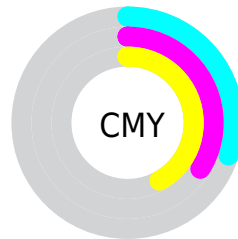


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 11.786, 87.166 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 69, 11.786, 87.166 by changing the saturation by 10% instead.

■ 69, 11.786, 87.166

■ 69, 11.786, 87.166

■ 100, 11.786,
87.166

■ 59, 11.786, 87.166

■ 89, 11.786, 87.166

■ 49, 11.786, 87.166

■ 99, 11.786, 87.166

■ 39, 11.786, 87.166

■ 29, 11.786, 87.166

■ 19, 11.786, 87.166

■ 9, 11.786, 87.166

■ 0, 11.786, 87.166

■ 69, 11.786, 87.166

■ 69, 11.786, 87.166

■ 67, 18.784, 85.873

■ 71, 4.947, 88.418

65, 25.920, 84.528

73, 1.733, 269.826

63, 33.143, 83.142

75, 8.260, 270.895

61, 40.348, 81.706

78, 14.643,
272.009

59, 47.324, 80.194

80, 20.893,
273.079

57, 53.696, 78.544

56, 58.862, 76.632

82, 27.022,
274.098

54, 62.240, 74.308

84, 24.851,
267.126

54, 63.061, 73.709

85, 22.770,
258.413

87, 21.294,
248.334

Harmonies

Complementary

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



69, 11.786, 87.166



65, 11.695, 271.804

Rectangle

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



69, 11.786, 87.166



69, 11.786, 137.166



69, 11.786, 267.166



69, 11.786, 317.166

Sweetspot

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



69, 11.787, 87.176



91, 4.130, 88.683



64, 13.599, 353.154



48, 2.844, 88.605



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 11.787, 87.176



87, 17.717, 86.665



72, 16.850, 114.092



37, 3.803, 88.186



47, 56.340, 74.106



5, 8.255, 79.202

Inverse Universe

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



65, 11.695, 271.804



80, 17.537, 272.446



62, 17.507, 296.886



35, 3.794, 270.623



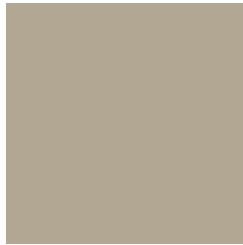
27, 63.528, 294.791



2, 9.954, 275.590

Previews

White Background



This preview shows how the CIELCh color 69, 11.786, 87.166 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 69, 11.786, 87.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

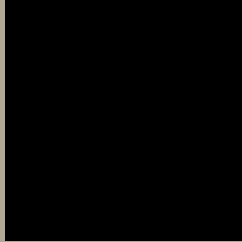
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 11.786, 87.166

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.786, 87.166.



This preview shows how white text looks on a background with the CIELCh color 69, 11.786, 87.166.

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

69, 11.786, 87.166

Protanopia

69, 11.378, 92.815

Deuteranopia

69, 14.394, 52.201



Tritanopia
69, 10.139, 335.618

Trichromacy



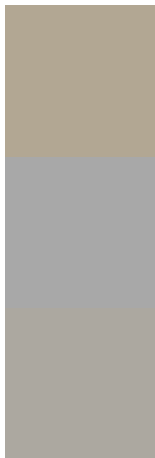
Original Color
69, 11.786, 87.166

Protanomaly
69, 11.496, 90.896

Deuteranomaly
69, 12.776, 62.949

Tritanomaly
69, 6.176, 14.811

Monochromacy



Original Color
69, 11.786, 87.166

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.628, 90.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.786, 87.166 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(178, 167, 147)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 147)  
}
```

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(178, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.786, 87.166 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(178, 167, 147) }
```

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

```
.border{ border-color:rgb(178, 167, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 147);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.786, 87.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 147) }
```

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

```
.background{ background-color: rgb(178,  
167, 147) }
```

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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