

Converting Colors

CIELCh(72, 8.802, 89.558)

Have a look what the booklet for
CIELCh(72, 8.802, 89.558) contains.

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Color

CIELCh(72, 8.565, 90.822)

Conversions

Conversions Part 1

Format	Color
Hex	B7B0A1
RGB	183, 176, 161
RGB Percent	72%, 69%, 63%
CMY	0.2826, 0.3100, 0.3689
CMYK	0.00, 0.04, 0.12, 0.28
HSL	41°, 13%, 67%
HSV	41°, 12%, 72%
XYZ	41.4563, 43.6590, 39.9333
YIQ	176.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

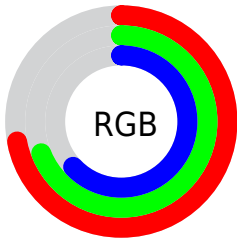
Format	Color
RYB	171, 183, 161
Decimal	12038305
CIELab	72.00, -0.12, 8.56
CIElCh	72, 8.565, 90.822
Yxy	43.6590, 0.3315, 0.3491
Android (android.graphics.Color)	4290228385 (0xFFB7B0A1)
YUV	176.3830, -7.5838, 5.8031
Hunter-Lab	66.0750, -3.6380, 10.4198

Details

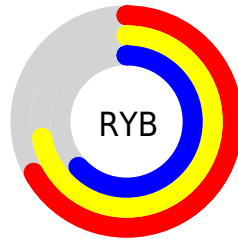
The CIELCh color $72, 8.565, 90.822$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.572, 273.926$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.615, 92.161$, and $52, 9.019, 92.835$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.846, 89.576$, and if you desaturate by 10%, it is $74, 1.422, 91.936$.

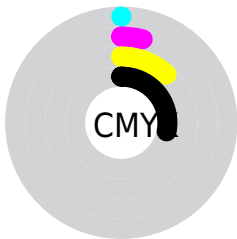
Distribution



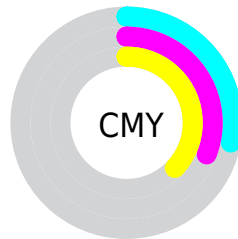
- Red (72%)
- Green (69%)
- Blue (63%)



- Red (67%)
- Yellow (72%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (28%)




- Cyan (28%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.565, 90.822 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 72, 8.565, 90.822 by changing the saturation by 10% instead.

 72, 8.565, 90.822  72, 8.565, 90.822

 100, 8.565, 90.822  62, 8.565, 90.822

 92, 8.565, 90.822  52, 8.565, 90.822

 42, 8.565, 90.822

 32, 8.565, 90.822

 22, 8.565, 90.822

 12, 8.565, 90.822

 2, 8.565, 90.822

 0, 8.565, 90.822

 72, 8.565, 90.822  72, 8.565, 90.822

70, 15.846, 89.576

74, 1.422, 91.936

68, 23.244, 88.269

76, 5.585, 273.307

66, 30.720, 86.923

78, 12.457,
274.416

65, 38.186, 85.536

80, 19.204,
275.490

63, 45.473, 84.094

82, 25.833,
276.514

61, 52.280, 82.566

59, 58.100, 80.877

84, 24.618,
271.026

58, 62.241, 78.894

57, 64.398, 77.109

85, 22.472,
263.281

87, 20.804,
254.191

88, 19.723,
243.914

Harmonies

Complementary

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



72, 8.565, 90.822



69, 8.572, 273.926

Rectangle

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



72, 8.565, 90.822



72, 8.565, 140.822



72, 8.565, 270.822



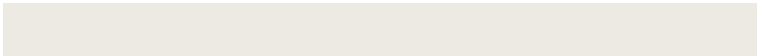
72, 8.565, 320.822

Sweetspot

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



72, 8.566, 90.835



93, 3.485, 91.765



68, 9.350, 354.785



50, 2.499, 91.686



97, 0.011, 296.813



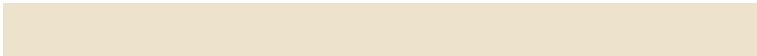
50, 0.007, 296.813

Same Dimension

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



72, 8.566, 90.835



90, 12.342, 90.562



74, 11.947, 115.850



38, 4.036, 91.162



49, 57.153, 77.480



6, 9.830, 82.059

Inverse Universe

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



69, 8.572, 273.926



86, 12.345, 274.243



67, 12.263, 297.626



36, 4.042, 273.557



26, 68.305, 296.954



3, 11.962, 278.478

Previews

White Background



This preview shows how the CIELCh color 72, 8.565, 90.822 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 72, 8.565, 90.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

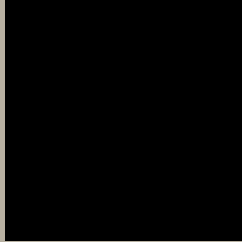
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

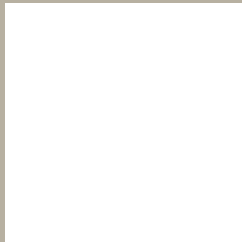
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.565, 90.822

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.565, 90.822.



This preview shows how white text looks on a background with the CIELCh color 72, 8.565, 90.822.

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


72, 8.565, 90.822

Protanopia

72, 8.565, 90.822

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 9.268, 324.824

Trichromacy



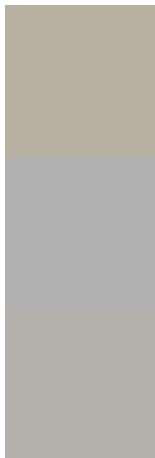
Original Color
72, 8.565, 90.822

Protanomaly
72, 8.565, 90.822

Deuteranomaly
72, 9.872, 53.148

Tritanomaly
72, 5.038, 354.199

Monochromacy



Original Color
72, 8.565, 90.822

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.928, 87.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.565, 90.822 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(183, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 161)  
}
```

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(183, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.565, 90.822 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(183, 176, 161) }
```

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

```
.border{ border-color:rgb(183, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.565, 90.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 161) }
```

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

```
.background{ background-color: rgb(183,  
176, 161) }
```

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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