

Converting Colors

CIELCh(66, 11.563, 20.481)

Have a look what the booklet for
CIELCh(66, 11.563, 20.481) contains.

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Color

CIELCh(66, 11.457, 20.442)

Conversions

Conversions Part 1

Format	Color
Hex	B79A9A
RGB	183, 154, 154
RGB Percent	72%, 60%, 60%
CMY	0.2839, 0.3976, 0.3976
CMYK	0.00, 0.16, 0.16, 0.28
HSL	0°, 17%, 66%
HSV	0°, 16%, 72%
XYZ	36.7274, 35.3238, 35.2874
YIQ	162.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

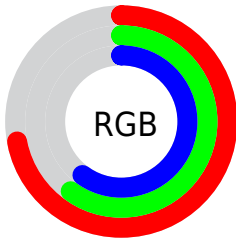
Format	Color
RYB	183, 154, 154
Decimal	12032666
CIELab	66.00, 10.74, 4.00
CIElCh	66, 11.457, 20.442
Yxy	35.3238, 0.3422, 0.3291
Android (android.graphics.Color)	4290222746 (0xFFB79A9A)
YUV	162.6710, -4.2748, 17.8285
Hunter-Lab	59.4338, 6.2956, 6.4016

Details

The CIELCh color **66, 11.457, 20.442** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 10.351, 198.626**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.529, 20.221**, and **46, 11.549, 20.830** is the 20% darker color. If you saturate the color by 10%, you get **61, 19.404, 21.409**, and if you desaturate by 10%, it is **71, 4.076, 19.642**.

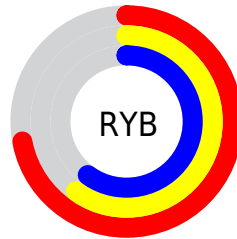
Distribution



Red (72%)

Green (60%)

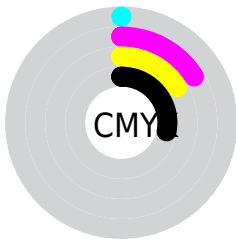
Blue (60%)



Red (72%)

Yellow (60%)

Blue (60%)

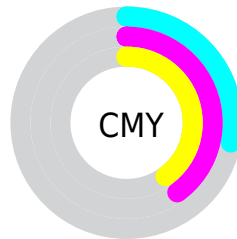


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (28%)



Cyan (28%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 11.457, 20.442 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 66, 11.457, 20.442 by changing the saturation by 10% instead.

■ 66, 11.457, 20.442

■ 66, 11.457, 20.442

■ 100, 11.457,
20.442

■ 56, 11.457, 20.442

■ 86, 11.457, 20.442

■ 46, 11.457, 20.442

■ 96, 11.457, 20.442

■ 36, 11.457, 20.442

■ 26, 11.457, 20.442

■ 16, 11.457, 20.442

■ 6, 11.457, 20.442

■ 0, 11.457, 20.442

■ 66, 11.457, 20.442

■ 66, 11.457, 20.442

■ 61, 19.404, 21.409

■ 71, 4.076, 19.642

56, 27.903, 22.642

76, 2.753, 199.388

52, 36.873, 24.245

82, 9.073, 198.809

48, 46.153, 26.329

87, 14.935,
198.429

44, 55.493, 28.987

93, 20.390,
198.131

41, 64.545, 32.224

39, 72.761, 35.770

95, 23.247,
197.984

38, 79.011, 38.801

38, 81.368, 39.993

Harmonies

Complementary

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



66, 11.457, 20.442



72, 10.351, 198.626

Rectangle

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



66, 11.457, 20.442



66, 11.457, 70.442



66, 11.457, 200.442



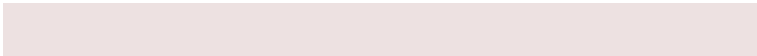
66, 11.457, 250.442

Sweetspot

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



66, 11.455, 20.451



91, 4.279, 19.572



67, 19.333, 325.290



48, 2.951, 19.635



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 11.455, 20.451



82, 17.185, 20.756



70, 9.773, 73.462



36, 4.003, 19.922



32, 71.869, 39.600



2, 10.637, 19.410

Inverse Universe

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



72, 10.351, 198.626



91, 15.164, 198.449



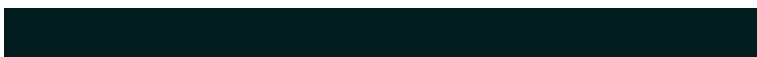
68, 9.388, 257.613



38, 3.777, 198.992



58, 34.639, 196.400



8, 10.517, 197.750

Previews

White Background



This preview shows how the CIELCh color 66, 11.457, 20.442 looks on a white background.

Color Contrast Check

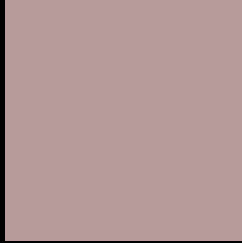
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 11.457, 20.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

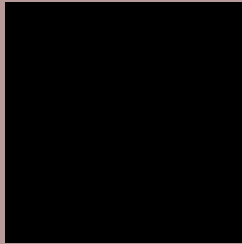
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 11.457, 20.442

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.457, 20.442.



This preview shows how white text looks on a background with the CIELCh color 66, 11.457, 20.442.

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


66, 11.457, 20.442

Protanopia

66, 2.248, 66.695

Deuteranopia

66, 9.540, 26.837



Tritanopia
66, 14.015, 352.617

Trichromacy



Original Color
66, 11.457, 20.442

Protanomaly
66, 5.172, 32.061

Deuteranomaly
66, 10.287, 23.378

Tritanomaly
66, 12.300, 2.330

Monochromacy



Original Color
66, 11.457, 20.442

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.856, 19.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.457, 20.442 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, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(183, 154, 154)  
}
```

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, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.457, 20.442 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, 154, 154) }
```

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

```
.border{ border-color:rgb(183, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(183, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.457, 20.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 154, 154) }
```

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

```
.background{ background-color: rgb(183,  
154, 154) }
```

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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