

Converting Colors

CIELCh(66, 11.181, 103.592)

Have a look what the booklet for
CIELCh(66, 11.181, 103.592)
contains.

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Color

CIELCh(66, 11.082, 102.794)

Conversions

Conversions Part 1

Format	Color
Hex	A4A18D
RGB	164, 161, 141
RGB Percent	64%, 63%, 55%
CMY	0.3567, 0.3685, 0.4469
CMYK	0.00, 0.02, 0.14, 0.36
HSL	52°, 11%, 60%
HSV	52°, 14%, 64%
XYZ	32.8797, 35.3238, 30.2988
YIQ	159.6170, 8.2080, -5.5840

Conversions

Conversions Part 2

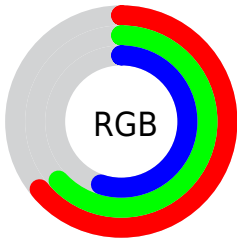
Format	Color
RYB	144, 164, 141
Decimal	10789261
CIELab	66.00, -2.45, 10.81
CIELCh	66, 11.082, 102.794
Yxy	35.3238, 0.3338, 0.3586
Android (android.graphics.Color)	4288979341 (0xFFA4A18D)
YUV	159.6170, -9.1782, 3.8439
Hunter-Lab	59.4338, -5.2602, 11.3783

Details

The CIELCh color $66, 11.082, 102.794$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 11.331, 285.912$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 11.013, 103.381$, and $46, 11.237, 104.171$ is the 20% darker color. If you saturate the color by 10%, you get $65, 18.996, 101.722$, and if you desaturate by 10%, it is $67, 3.168, 103.839$.

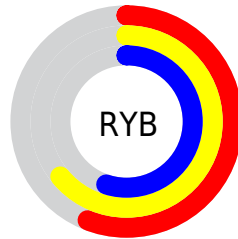
Distribution



Red (64%)

Green (63%)

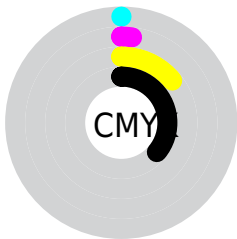
Blue (55%)



Red (56%)

Yellow (64%)

Blue (55%)

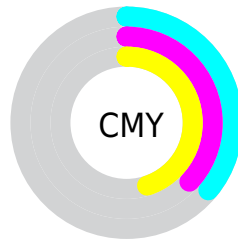


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (36%)



Cyan (36%)


Magenta (37%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.082, 102.794 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, 11.082, 102.794 by changing the saturation by 10% instead.


 66, 11.082,
102.794


 66, 11.082,
102.794


 100, 11.082,
102.794


 56, 11.082,
102.794


 86, 11.082,
102.794

 46, 11.082,
102.794

 96, 11.082,
102.794

 36, 11.082,
102.794

 26, 11.082,
102.794

 16, 11.082,
102.794

 6, 11.082, 102.794

 0, 11.082, 102.794

66, 11.082,
102.794

66, 11.082,
102.794

65, 18.996,
101.722

67, 3.168, 103.839

64, 26.854,
100.624

68, 4.719, 284.922

63, 34.570, 99.521

69, 12.560,
285.900

63, 42.002, 98.427

70, 20.345,
286.848

62, 48.915, 97.354

71, 28.067,
287.754

61, 54.961, 96.313

72, 35.725,
288.616

60, 59.668, 95.309

60, 62.563, 94.329

74, 42.853,
289.331

59, 63.760, 93.752

74, 41.669,
288.169

■ 75, 40.501,
286.944

Harmonies

Complementary

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



66, 11.082, 102.794



60, 11.331, 285.912

Rectangle

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



66, 11.082, 102.794



66, 11.082, 152.794



66, 11.082, 282.794



66, 11.082, 332.794

Sweetspot

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



66, 11.083, 102.802



85, 3.916, 103.834



61, 9.292, 9.674



45, 2.779, 103.763



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 11.083, 102.802



84, 16.703, 102.448



66, 13.111, 123.574



34, 4.448, 103.305



53, 58.393, 93.854



4, 6.674, 102.354

Inverse Universe

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



60, 11.331, 285.912



75, 17.162, 286.344



60, 13.431, 305.029



32, 4.518, 285.329



18, 81.061, 303.966



1, 7.030, 284.915

Previews

White Background



This preview shows how the CIELCh color 66, 11.082, 102.794 looks on a white background.

Color Contrast Check

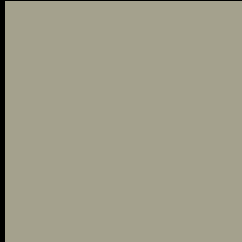
Large Text (above 18pt) WCAG AA × Fail

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 66, 11.082, 102.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

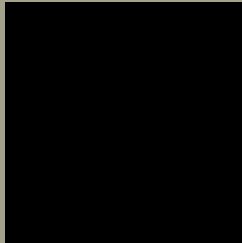
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

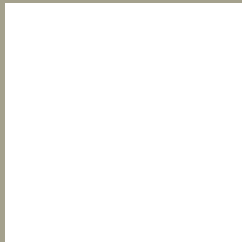
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 11.082, 102.794

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.082, 102.794.



This preview shows how white text looks on a background with the CIELCh color 66, 11.082, 102.794.

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, 11.082, 102.794

Protanopia

66, 11.483, 92.729

Deuteranopia

66, 13.210, 50.184



Tritanopia
66, 7.878, 322.499

Trichromacy



Original Color
66, 11.082, 102.794

Protanomaly
66, 11.376, 94.687

Deuteranomaly
66, 11.037, 68.166

Tritanomaly
66, 3.513, 10.552

Monochromacy



Original Color
66, 11.082, 102.794

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.879, 104.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.082, 102.794 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(164, 161, 141)` looks like.

```
.text, #text, p{  
    color:rgb(164, 161, 141)  
}
```

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(164, 161, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 161, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.082, 102.794 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(164, 161, 141) }
```

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

```
.border{ border-color:rgb(164, 161, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 161, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 161, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 161, 141);  
box-shadow:4px 4px 4px 4px rgb(164, 161,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.082, 102.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 161, 141) }
```

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

```
.background{ background-color: rgb(164,  
161, 141) }
```

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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