

Converting Colors

CIELCh(66, 9.997, 129.805)

Have a look what the booklet for
CIELCh(66, 9.997, 129.805) contains.

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Color

CIELCh(66, 10.044, 129.656)

Conversions

Conversions Part 1

Format	Color
Hex	9AA392
RGB	154, 163, 146
RGB Percent	60%, 64%, 57%
CMY	0.3946, 0.3593, 0.4260
CMYK	0.06, 0.00, 0.10, 0.36
HSL	92°, 8%, 61%
HSV	92°, 10%, 64%
XYZ	31.7805, 35.3238, 32.4895
YIQ	158.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

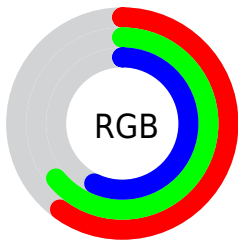
Format	Color
RYB	146, 163, 155
Decimal	10134418
CIELab	66.00, -6.41, 7.73
CIELCh	66, 10.044, 129.656
Yxy	35.3238, 0.3191, 0.3547
Android (android.graphics.Color)	4288324498 (0xFF9AA392)
YUV	158.3710, -6.0989, -3.8334
Hunter-Lab	59.4338, -8.5615, 9.1928

Details

The CIELCh color $66, 10.044, 129.656$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 10.184, 310.528$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 10.132, 130.648$, and $46, 9.515, 129.674$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.717, 129.198$, and if you desaturate by 10%, it is $67, 0.388, 130.358$.

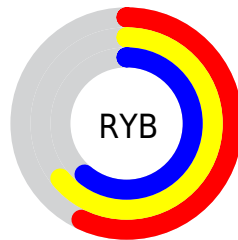
Distribution



Red (60%)

Green (64%)

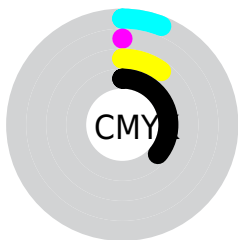
Blue (57%)



Red (57%)

Yellow (64%)

Blue (61%)

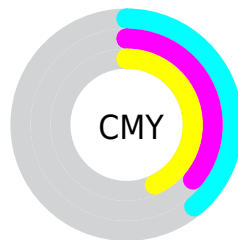


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (39%)


Magenta (36%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 10.044, 129.656 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, 10.044, 129.656 by changing the saturation by 10% instead.


 66, 10.044,
129.656


 66, 10.044,
129.656


 100, 10.044,
129.656


 56, 10.044,
129.656


 86, 10.044,
129.656

 46, 10.044,
129.656

 96, 10.044,
129.656

 36, 10.044,
129.656

 26, 10.044,
129.656

 16, 10.044,
129.656

 6, 10.044, 129.656

 0, 10.044, 129.656

66, 10.044,
129.656

66, 10.044,
129.656

65, 19.717,
129.198

67, 0.388, 130.358

64, 29.324,
128.722

68, 9.202, 310.455

63, 38.761,
128.249

69, 18.687,
310.816

62, 47.874,
127.815

71, 28.038,
311.137

62, 56.441,
127.475

72, 37.237,
311.424

61, 64.158,
127.317

74, 46.273,
311.678

61, 70.637,
127.452

75, 52.295,
312.900

60, 75.496,

76, 53.105,
315.927

128.003

77, 54.046,
318.904

60, 78.804,
128.836

Harmonies

Complementary

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



66, 10.044, 129.656



62, 10.184, 310.528

Rectangle

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



66, 10.044, 129.656



66, 10.044, 179.656



66, 10.044, 309.656



66, 10.044, 359.656

Sweetspot

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



66, 10.046, 129.659



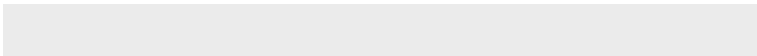
84, 3.560, 130.003



64, 5.844, 75.890



45, 2.722, 129.962



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, 10.046, 129.659



83, 14.300, 129.577



65, 11.407, 144.298



34, 5.451, 129.711



54, 72.211, 128.676



4, 8.580, 131.604

Inverse Universe

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



62, 10.184, 310.528



77, 14.525, 310.611



63, 11.424, 325.431



32, 5.520, 310.476



22, 81.410, 312.804



1, 8.401, 308.351

Previews

White Background



This preview shows how the CIELCh color 66, 10.044, 129.656 looks on a white background.

Color Contrast Check

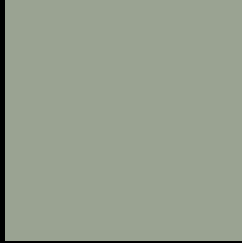
Large Text (above 18pt) WCAG AA × Fail

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, 10.044, 129.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

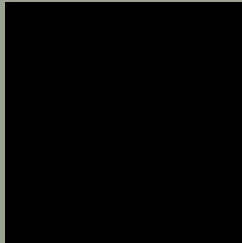
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

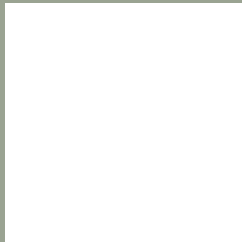
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 10.044, 129.656

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.044, 129.656.



This preview shows how white text looks on a background with the CIELCh color 66, 10.044, 129.656.

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, 10.044, 129.656

Protanopia

66, 9.247, 91.687

Deuteranopia

66, 10.733, 41.203



Tritanopia
66, 6.681, 284.554

Trichromacy



Original Color
66, 10.044, 129.656

Protanomaly
66, 8.830, 106.672

Deuteranomaly
66, 7.971, 69.132

Tritanomaly
66, 1.857, 236.221

Monochromacy



Original Color
66, 10.044, 129.656

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 4.176, 131.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.044, 129.656 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(154, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(154, 163, 146)  
}
```

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(154, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 163, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.044, 129.656 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(154, 163, 146) }
```

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

```
.border{ border-color:rgb(154, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(154, 163,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.044, 129.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 163, 146) }
```

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

```
.background{ background-color: rgb(154,  
163, 146) }
```

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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