

Converting Colors

CIELCh(66, 9.656, 146.761)

Have a look what the booklet for
CIELCh(66, 9.656, 146.761) contains.

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Color

CIELCh(66, 9.259, 147.776)

Conversions

Conversions Part 1

Format	Color
Hex	95A497
RGB	149, 164, 151
RGB Percent	58%, 64%, 59%
CMY	0.4145, 0.3556, 0.4066
CMYK	0.09, 0.00, 0.08, 0.36
HSL	128°, 8%, 61%
HSV	128°, 9%, 64%
XYZ	31.3912, 35.3238, 34.5713
YIQ	158.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

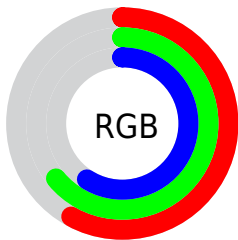
Format	Color
RYB	149, 162, 164
Decimal	9806999
CIELab	66.00, -7.83, 4.94
CIElCh	66, 9.259, 147.776
Yxy	35.3238, 0.3099, 0.3488
Android (android.graphics.Color)	4287997079 (0xFF95A497)
YUV	158.0330, -3.4673, -7.9219
Hunter-Lab	59.4338, -9.7308, 7.1161

Details

The CIELCh color $66, 9.259, 147.776$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 9.283, 328.807$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.402, 147.630$, and $46, 9.214, 147.876$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.491, 147.056$, and if you desaturate by 10%, it is $68, 0.880, 328.069$.

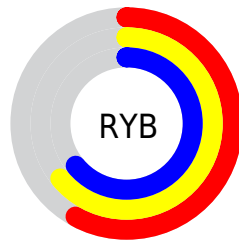
Distribution



Red (58%)

Green (64%)

Blue (59%)



Red (58%)

Yellow (64%)

Blue (64%)

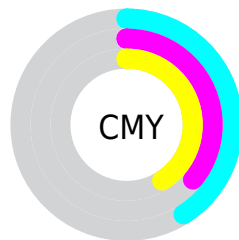


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (41%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.259, 147.776 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, 9.259, 147.776 by changing the saturation by 10% instead.

■ 66, 9.259, 147.776

■ 66, 9.259, 147.776

■ 100, 9.259,
147.776

■ 56, 9.259, 147.776

■ 86, 9.259, 147.776

■ 46, 9.259, 147.776

■ 96, 9.259, 147.776

■ 36, 9.259, 147.776

■ 26, 9.259, 147.776

■ 16, 9.259, 147.776

■ 6, 9.259, 147.776

■ 0, 9.259, 147.776

■ 66, 9.259, 147.776

■ 66, 9.259, 147.776

■ 65, 19.491,

■ 68, 0.880, 328.069

147.056

69, 10.840,
328.852

63, 29.687,
146.230

71, 20.558,
329.313

62, 39.689,
145.276

73, 29.996,
329.708

61, 49.296,
144.182

75, 39.134,
330.051

60, 58.279,
142.946

78, 47.963,
330.352

60, 66.383,
141.590

79, 54.904,
327.637

59, 73.343,
140.164

79, 56.550,
326.371

59, 78.903,
138.756

59, 82.929,
137.551

Harmonies

Complementary

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



66, 9.259, 147.776



63, 9.283, 328.807

Rectangle

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



66, 9.259, 147.776



66, 9.259, 197.776



66, 9.259, 327.776



66, 9.259, 17.776

Sweetspot

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



66, 9.261, 147.776



85, 3.753, 148.209



67, 8.284, 114.055



45, 2.843, 148.145



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, 9.261, 147.776



83, 13.858, 147.633



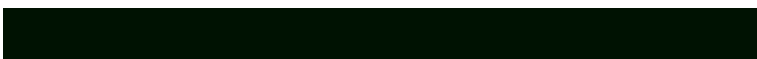
66, 6.529, 169.703



34, 5.704, 147.767



52, 75.804, 137.614



4, 8.926, 147.913

Inverse Universe

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



63, 9.283, 328.807



80, 13.889, 328.933



63, 6.657, 351.215



32, 5.718, 328.815



33, 68.620, 334.230



1, 8.622, 329.495

Previews

White Background



This preview shows how the CIELCh color 66, 9.259, 147.776 looks on a white background.

Color Contrast Check

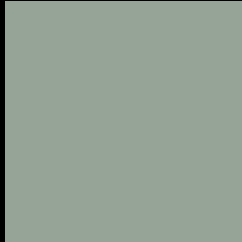
Large Text (above 18pt) WCAG AA × Fail

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, 9.259, 147.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

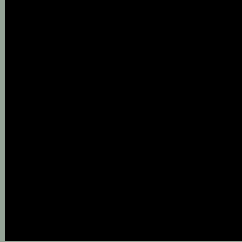
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 9.259, 147.776

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.259, 147.776.



This preview shows how white text looks on a background with the CIELCh color 66, 9.259, 147.776.

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, 9.259, 147.776

Protanopia

66, 6.500, 88.233

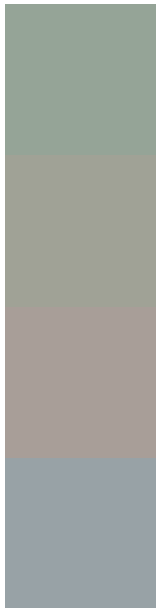
Deuteranopia

66, 9.140, 27.092



Tritanopia
66, 7.710, 268.773

Trichromacy



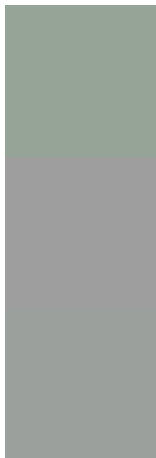
Original Color
66, 9.259, 147.776

Protanomaly
66, 6.668, 116.186

Deuteranomaly
66, 5.118, 59.892

Tritanomaly
66, 4.282, 230.455

Monochromacy



Original Color
66, 9.259, 147.776

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.939, 150.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.259, 147.776 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(149, 164, 151)` looks like.

```
.text, #text, p{  
    color:rgb(149, 164, 151)  
}
```

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(149, 164, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 164, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.259, 147.776 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(149, 164, 151) }
```

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

```
.border{ border-color:rgb(149, 164, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 164, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 164, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 164, 151);  
box-shadow:4px 4px 4px 4px rgb(149, 164,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.259, 147.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 164, 151) }
```

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

```
.background{ background-color: rgb(149,  
164, 151) }
```

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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