

Converting Colors

CIELCh(66, 19.664, 129.942)

Have a look what the booklet for
CIELCh(66, 19.664, 129.942)
contains.

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Color

CIELCh(66, 19.532, 129.776)

Conversions

Conversions Part 1

Format	Color
Hex	94A685
RGB	148, 166, 133
RGB Percent	58%, 65%, 52%
CMY	0.4191, 0.3485, 0.4779
CMYK	0.11, 0.00, 0.20, 0.35
HSL	93°, 16%, 59%
HSV	93°, 20%, 65%
XYZ	30.1375, 35.3238, 27.4651
YIQ	156.8560, -0.1350, -14.0790

Conversions

Conversions Part 2

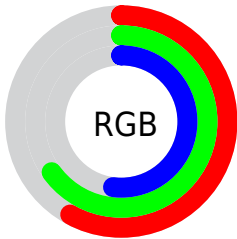
Format	Color
RYB	133, 166, 151
Decimal	9741957
CIELab	66.00, -12.50, 15.01
CIElCh	66, 19.532, 129.776
Yxy	35.3238, 0.3243, 0.3801
Android (android.graphics.Color)	4287932037 (0xFF94A685)
YUV	156.8560, -11.7610, -7.7667
Hunter-Lab	59.4338, -13.4959, 14.2051

Details

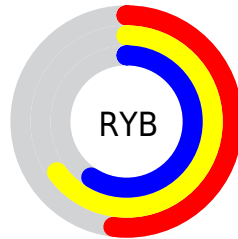
The CIELCh color $66, 19.532, 129.776$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 20.006, 311.511$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 19.624, 129.860$, and $46, 19.647, 129.575$ is the 20% darker color. If you saturate the color by 10%, you get $65, 29.323, 129.302$, and if you desaturate by 10%, it is $67, 9.688, 130.237$.

Distribution



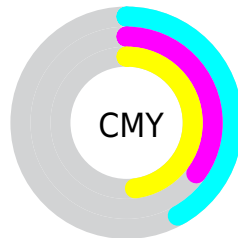
- Red (58%)
- Green (65%)
- Blue (52%)



- Red (52%)
- Yellow (65%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)





- Cyan (42%)
- Magenta (35%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.532, 129.776 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, 19.532, 129.776 by changing the saturation by 10% instead.


 66, 19.532,
129.776


 66, 19.532,
129.776


 100, 19.532,
129.776


 56, 19.532,
129.776


 86, 19.532,
129.776

 46, 19.532,
129.776

 96, 19.532,
129.776

 36, 19.532,
129.776

 26, 19.532,
129.776

 16, 19.532,
129.776

 6, 19.532, 129.776

 0, 19.532, 129.776

■ 66, 19.532,
129.776

■ 66, 19.532,
129.776

■ 65, 29.323,
129.302

■ 67, 9.688, 130.237

■ 64, 38.947,
128.826

■ 68, 0.138, 309.806

■ 69, 9.888, 311.021

■ 63, 48.251,
128.383

■ 71, 19.524,
311.375

■ 63, 57.012,
128.030

■ 72, 29.018,
311.689

■ 62, 64.924,
127.850

■ 73, 38.352,
311.967

■ 61, 71.595,
127.958

■ 75, 47.514,
312.214

■ 61, 76.630,
128.473

■ 76, 51.100,
314.475

■ 61, 80.149,

129.331

■ 77, 52.049,
317.719

■ 61, 80.193,
129.341

Harmonies

Complementary

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



66, 19.532, 129.776



58, 20.006, 311.511

Rectangle

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



66, 19.532, 129.776



66, 19.532, 179.776



66, 19.532, 309.776



66, 19.532, 359.776

Sweetspot

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



66, 19.534, 129.778



86, 7.303, 130.407



63, 11.665, 76.451



46, 4.885, 130.379



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 19.534, 129.778



83, 29.290, 129.562



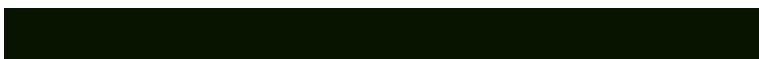
65, 21.906, 144.088



35, 5.614, 130.263



54, 73.515, 129.186



5, 10.410, 132.777

Inverse Universe

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



58, 20.006, 311.511



72, 30.170, 311.730



60, 21.926, 326.419



33, 5.682, 311.022



23, 82.185, 313.179



1, 10.087, 308.042

Previews

White Background



This preview shows how the CIELCh color 66, 19.532, 129.776 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, 19.532, 129.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

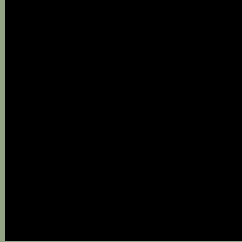
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

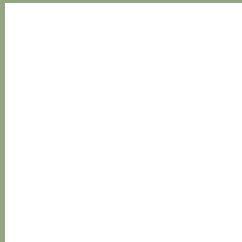
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 19.532, 129.776

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.532, 129.776.



This preview shows how white text looks on a background with the CIELCh color 66, 19.532, 129.776.

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, 19.532, 129.776

Protanopia

66, 17.026, 94.432

Deuteranopia

66, 15.958, 58.450



Tritanopia
66, 7.074, 269.700

Trichromacy



Original Color
66, 19.532, 129.776

Protanomaly
66, 17.038, 108.364

Deuteranomaly
66, 13.773, 86.173

Tritanomaly
66, 4.734, 171.191

Monochromacy



Original Color
66, 19.532, 129.776

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.059, 128.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.532, 129.776 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(148, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(148, 166, 133)  
}
```

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(148, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 166, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.532, 129.776 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(148, 166, 133) }
```

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

```
.border{ border-color:rgb(148, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(148, 166,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.532, 129.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 166, 133) }
```

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

```
.background{ background-color: rgb(148,  
166, 133) }
```

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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