

Converting Colors

CIELCh(66, 25.111, 124.829)

Have a look what the booklet for
CIELCh(66, 25.111, 124.829)
contains.

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Color

CIELCh(66, 25.156, 124.538)

Conversions

Conversions Part 1

Format	Color
Hex	95A77B
RGB	149, 167, 123
RGB Percent	58%, 65%, 48%
CMY	0.4168, 0.3462, 0.5187
CMYK	0.11, 0.00, 0.26, 0.35
HSL	85°, 20%, 57%
HSV	85°, 26%, 65%
XYZ	29.6717, 35.3238, 23.9072
YIQ	156.6020, 3.3960, -17.5000

Conversions

Conversions Part 2

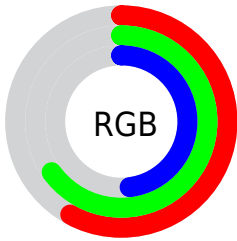
Format	Color
RYB	123, 167, 141
Decimal	9807739
CIELab	66.00, -14.26, 20.72
CIELCh	66, 25.156, 124.538
Yxy	35.3238, 0.3338, 0.3973
Android (android.graphics.Color)	4287997819 (0xFF95A77B)
YUV	156.6020, -16.5658, -6.6670
Hunter-Lab	59.4338, -14.8951, 17.7544

Details

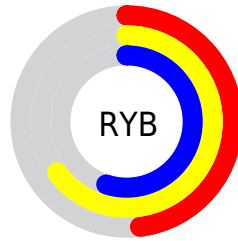
The CIELCh color $66, 25.156, 124.538$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 26.269, 307.250$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 24.995, 124.951$, and $46, 25.021, 124.341$ is the 20% darker color. If you saturate the color by 10%, you get $65, 34.520, 124.039$, and if you desaturate by 10%, it is $67, 15.652, 125.047$.

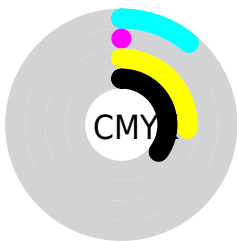
Distribution



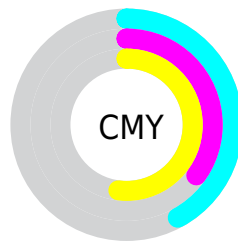
- Red (58%)
- Green (65%)
- Blue (48%)



- Red (48%)
- Yellow (65%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (35%)





- Cyan (42%)
- Magenta (35%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 25.156, 124.538 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, 25.156, 124.538 by changing the saturation by 10% instead.


 66, 25.156,
124.538


 66, 25.156,
124.538


 100, 25.156,
124.538


 56, 25.156,
124.538


 86, 25.156,
124.538

 46, 25.156,
124.538

 96, 25.156,
124.538

 36, 25.156,
124.538

 26, 25.156,
124.538

 16, 25.156,
124.538

 6, 25.156, 124.538

 0, 25.156, 124.538

66, 25.156,
124.538

66, 25.156,
124.538

65, 34.520,
124.039

67, 15.652,
125.047

65, 43.611,
123.574

68, 6.093, 125.546

64, 52.241,
123.193

69, 3.458, 305.978

63, 60.139,
122.969

70, 12.957,
306.431

63, 66.944,
123.000

71, 22.371,
306.836

62, 72.250,
123.407

72, 31.677,
307.206


62, 75.824,
124.263

73, 40.860,
307.544

62, 76.943,

75, 49.332,
308.000

124.593

 75, 49.816,
310.527

Harmonies

Complementary

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



66, 25.156, 124.538



55, 26.269, 307.250

Rectangle

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



66, 25.156, 124.538



66, 25.156, 174.538



66, 25.156, 304.538



66, 25.156, 354.538

Sweetspot

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



66, 25.158, 124.540



86, 9.457, 125.458



60, 14.938, 61.266



46, 6.777, 125.386



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, 25.158, 124.540



83, 37.675, 124.227



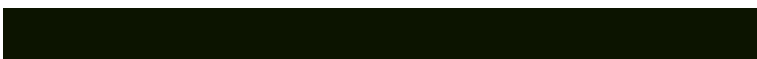
65, 28.907, 140.199



35, 5.446, 125.402



55, 70.368, 124.432



5, 10.118, 128.595

Inverse Universe

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



55, 26.269, 307.250



66, 39.790, 307.637



57, 29.067, 322.965



33, 5.532, 306.282



20, 84.565, 310.222



1, 9.865, 303.745

Previews

White Background



This preview shows how the CIELCh color 66, 25.156, 124.538 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, 25.156, 124.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

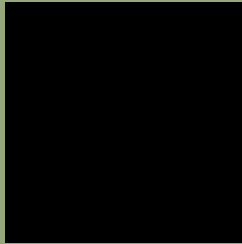
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 25.156, 124.538

Background



This preview shows how black text looks on a background with the CIELCh color 66, 25.156, 124.538.



This preview shows how white text looks on a background with the CIELCh color 66, 25.156, 124.538.

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](#).

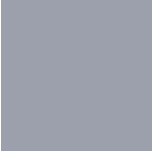
Dichromacy



Original Color
66, 25.156, 124.538

Protanopia
66, 22.556, 94.916

Deuteranopia
66, 21.402, 67.943



Tritanopia
66, 7.328, 279.412

Trichromacy



Original Color
66, 25.156, 124.538

Protanomaly
66, 22.483, 105.660

Deuteranomaly
66, 20.157, 91.260

Tritanomaly
66, 5.209, 151.019

Monochromacy



Original Color
66, 25.156, 124.538

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.290, 126.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 25.156, 124.538 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, 167, 123)` looks like.

```
.text, #text, p{  
    color:rgb(149, 167, 123)  
}
```

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, 167, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 167, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 25.156, 124.538 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, 167, 123) }
```

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

```
.border{ border-color:rgb(149, 167, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 167, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 167, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 167, 123);  
box-shadow:4px 4px 4px 4px rgb(149, 167,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 25.156, 124.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 167, 123) }
```

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

```
.background{ background-color: rgb(149,  
167, 123) }
```

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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