

Converting Colors

CIELCh(66, 20.296, 126.577)

Have a look what the booklet for
CIELCh(66, 20.296, 126.577)
contains.

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Color

CIELCh(66, 20.274, 126.582)

Conversions

Conversions Part 1

Format	Color
Hex	96A683
RGB	150, 166, 131
RGB Percent	59%, 65%, 51%
CMY	0.4123, 0.3496, 0.4868
CMYK	0.10, 0.00, 0.21, 0.35
HSL	87°, 16%, 58%
HSV	87°, 21%, 65%
XYZ	30.2474, 35.3238, 26.6461
YIQ	157.2260, 1.6990, -14.2770

Conversions

Conversions Part 2

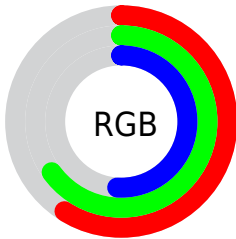
Format	Color
R_{YB}	131, 166, 147
Decimal	9873027
CIE _{Lab}	66.00, -12.08, 16.28
CIE _{LCh}	66, 20.274, 126.582
Yxy	35.3238, 0.3280, 0.3830
Android (android.graphics.Color)	4288063107 (0xFF96A683)
YUV	157.2260, -12.9294, -6.3372
Hunter-Lab	59.4338, -13.1661, 15.0221

Details

The CIELCh color $66, 20.274, 126.582$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $57, 20.915, 308.585$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 20.336, 126.861$, and $46, 20.420, 126.151$ is the 20% darker color. If you saturate the color by 10%, you get $65, 29.803, 126.095$, and if you desaturate by 10%, it is $67, 10.666, 127.066$.

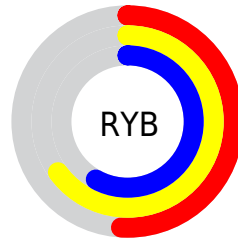
Distribution



Red (59%)

Green (65%)

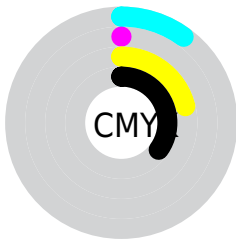
Blue (51%)



Red (51%)

Yellow (65%)

Blue (58%)

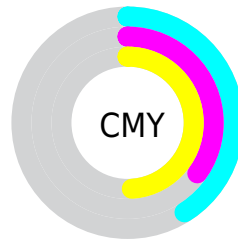


Cyan (10%)

Magenta (0%)

Yellow (21%)

Black (35%)



Cyan (41%)


Magenta (35%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.274, 126.582 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, 20.274, 126.582 by changing the saturation by 10% instead.


 66, 20.274,
126.582


 66, 20.274,
126.582


 100, 20.274,
126.582


 56, 20.274,
126.582


 86, 20.274,
126.582

 46, 20.274,
126.582

 96, 20.274,
126.582

 36, 20.274,
126.582

 26, 20.274,
126.582

 16, 20.274,
126.582

 6, 20.274, 126.582

 0, 20.274, 126.582

66, 20.274,
126.582

66, 20.274,
126.582

65, 29.803,
126.095

67, 10.666,
127.066

64, 39.139,
125.621

68, 1.049, 127.598

64, 48.130,
125.197

69, 8.523, 307.925

63, 56.550,
124.885

70, 18.011,
308.320

62, 64.086,
124.769

71, 27.389,
308.678

62, 70.345,
124.966

73, 36.636,
309.001

61, 74.948,
125.590

74, 45.739,
309.292

61, 77.864,

75, 50.390,
310.851

126.424

■ 76, 51.034,
313.608

Harmonies

Complementary

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



66, 20.274, 126.582



57, 20.915, 308.585

Rectangle

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



66, 20.274, 126.582



66, 20.274, 176.582



66, 20.274, 306.582



66, 20.274, 356.582

Sweetspot

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



66, 20.276, 126.584



86, 7.159, 127.303



62, 11.870, 67.420



46, 4.787, 127.273



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, 20.276, 126.584



84, 29.843, 126.371



65, 23.388, 141.856



35, 5.501, 127.151



55, 71.481, 126.267



5, 10.219, 130.164

Inverse Universe

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



57, 20.915, 308.585



71, 30.996, 308.823



59, 23.449, 324.157



33, 5.581, 307.977



21, 83.731, 311.164



1, 9.936, 305.263

Previews

White Background



This preview shows how the CIELCh color 66, 20.274, 126.582 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, 20.274, 126.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

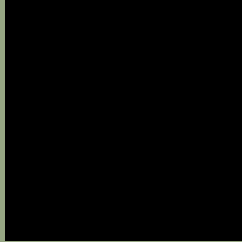
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.274, 126.582

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.274, 126.582.



This preview shows how white text looks on a background with the CIELCh color 66, 20.274, 126.582.

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

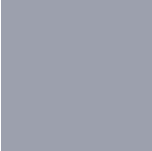
66, 20.274, 126.582

Protanopia

66, 18.094, 95.102

Deuteranopia

66, 17.439, 61.512



Tritanopia
66, 7.328, 279.412

Trichromacy



Original Color
66, 20.274, 126.582

Protanomaly
66, 18.130, 106.955

Deuteranomaly
66, 15.477, 86.826

Tritanomaly
66, 3.780, 163.346

Monochromacy



Original Color
66, 20.274, 126.582

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.583, 127.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.274, 126.582 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(150, 166, 131)` looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 131)  
}
```

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(150, 166, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.274, 126.582 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(150, 166, 131) }
```

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

```
.border{ border-color:rgb(150, 166, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 166, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 166, 131);  
box-shadow:4px 4px 4px 4px rgb(150, 166,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.274, 126.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 131) }
```

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

```
.background{ background-color: rgb(150,  
166, 131) }
```

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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