

Converting Colors

CIELCh(70, 26.510, 125.598)

Have a look what the booklet for
CIELCh(70, 26.510, 125.598)
contains.

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Color

CIELCh(70, 26.651, 125.146)

Conversions

Conversions Part 1

Format	Color
Hex	9EB283
RGB	158, 178, 131
RGB Percent	62%, 70%, 51%
CMY	0.3804, 0.3019, 0.4863
CMYK	0.11, 0.00, 0.26, 0.30
HSL	86°, 23%, 61%
HSV	86°, 26%, 70%
XYZ	34.1184, 40.7494, 27.5406
YIQ	166.6620, 3.1670, -18.8570

Conversions

Conversions Part 2

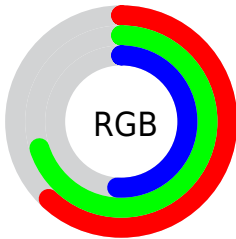
Format	Color
RYB	131, 178, 151
Decimal	10400387
CIELab	70.00, -15.34, 21.79
CIELCh	70, 26.651, 125.146
Yxy	40.7494, 0.3332, 0.3979
Android (android.graphics.Color)	4288590467 (0xFF9EB283)
YUV	166.6620, -17.5814, -7.5966
Hunter-Lab	63.8353, -16.3078, 19.1051

Details

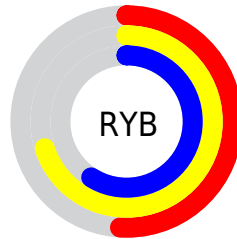
The CIELCh color $70, 26.651, 125.146$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 27.801, 307.816$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 26.937, 125.174$, and $50, 26.562, 124.996$ is the 20% darker color. If you saturate the color by 10%, you get $69, 36.567, 124.651$, and if you desaturate by 10%, it is $71, 16.588, 125.650$.

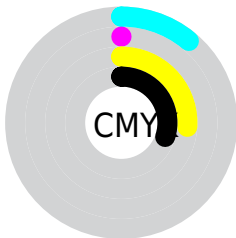
Distribution



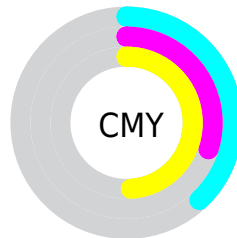
- Red (62%)
- Green (70%)
- Blue (51%)



- Red (51%)
- Yellow (70%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)





- Cyan (38%)
- Magenta (30%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.651, 125.146 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 70, 26.651, 125.146 by changing the saturation by 10% instead.


 70, 26.651,
125.146


 70, 26.651,
125.146


 100, 26.651,
125.146


 60, 26.651,
125.146


 90, 26.651,
125.146

 50, 26.651,
125.146

 40, 26.651,
125.146

 30, 26.651,
125.146

 20, 26.651,
125.146

 10, 26.651,
125.146

 0, 26.651, 125.146

70, 26.651,
125.146

70, 26.651,
125.146

69, 36.567,
124.651

71, 16.588,
125.650

68, 46.191,
124.190

72, 6.469, 126.143

68, 55.323,
123.815

73, 3.637, 306.566

67, 63.670,
123.599

74, 13.683,
307.011

67, 70.844,
123.646

75, 23.635,
307.408

66, 76.415,
124.077

77, 33.468,
307.769

66, 80.127,
124.972

78, 42.854,
308.198

66, 81.255,

78, 43.480,
311.457

125.322

 79, 44.233,
314.665

Harmonies

Complementary

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



70, 26.651, 125.146



58, 27.801, 307.816

Rectangle

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



70, 26.651, 125.146



70, 26.651, 175.146



70, 26.651, 305.146



70, 26.651, 355.146

Sweetspot

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



70, 26.653, 125.148



91, 10.029, 126.058



64, 15.825, 63.121



49, 7.187, 125.984



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 26.653, 125.148



88, 39.966, 124.840



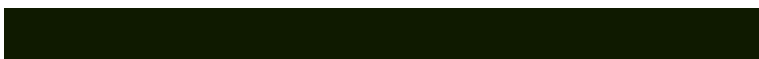
68, 30.680, 140.619



37, 5.737, 126.000



57, 72.553, 125.126



7, 14.255, 130.357

Inverse Universe

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



58, 27.801, 307.816



70, 42.149, 308.189



60, 30.820, 323.461



35, 5.826, 306.868



22, 86.429, 310.499



1, 13.693, 302.892

Previews

White Background



This preview shows how the CIELCh color 70, 26.651, 125.146 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 CIE LCh color 70, 26.651, 125.146 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 70, 26.651, 125.146

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.651, 125.146.



This preview shows how white text looks on a background with the CIELCh color 70, 26.651, 125.146.

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](#).

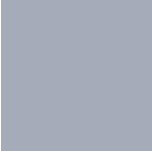
Dichromacy



Original Color
70, 26.651, 125.146

Protanopia
70, 23.866, 95.757

Deuteranopia
70, 22.404, 66.535



Tritanopia
70, 7.844, 277.642

Trichromacy



Original Color
70, 26.651, 125.146

Protanomaly
70, 24.330, 107.711

Deuteranomaly
70, 20.709, 89.594

Tritanomaly
70, 6.473, 149.553

Monochromacy



Original Color
70, 26.651, 125.146

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.699, 125.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.651, 125.146 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(158, 178, 131)` looks like.

```
.text, #text, p{  
    color:rgb(158, 178, 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(158, 178, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 178, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.651, 125.146 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(158, 178, 131) }
```

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

```
.border{ border-color:rgb(158, 178, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 178, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 178, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 178, 131);  
box-shadow:4px 4px 4px 4px rgb(158, 178,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.651, 125.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 178, 131) }
```

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

```
.background{ background-color: rgb(158,  
178, 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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