

Converting Colors

CIELCh(66, 26.959, 143.973)

Have a look what the booklet for
CIELCh(66, 26.959, 143.973)
contains.

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Color

CIELCh(66, 27.247, 143.526)

Conversions

Conversions Part 1

Format	Color
Hex	82AB83
RGB	130, 171, 131
RGB Percent	51%, 67%, 51%
CMY	0.4917, 0.3309, 0.4877
CMYK	0.24, 0.00, 0.23, 0.33
HSL	121°, 20%, 59%
HSV	121°, 24%, 67%
XYZ	27.7095, 35.3238, 26.6991
YIQ	154.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

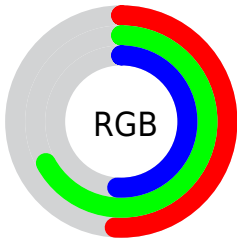
Format	Color
RYB	130, 170, 171
Decimal	8563587
CIELab	66.00, -21.91, 16.20
CIElCh	66, 27.247, 143.526
Yxy	35.3238, 0.3088, 0.3937
Android (android.graphics.Color)	4286753667 (0xFF82AB83)
YUV	154.1810, -11.4282, -21.2067
Hunter-Lab	59.4338, -20.7881, 14.9692

Details

The CIELCh color **66, 27.247, 143.526** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 27.264, 326.402**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 26.919, 143.265**, and **46, 27.624, 142.907** is the 20% darker color. If you saturate the color by 10%, you get **65, 38.495, 142.671**, and if you desaturate by 10%, it is **67, 15.865, 144.266**.

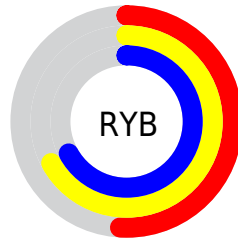
Distribution



Red (51%)

Green (67%)

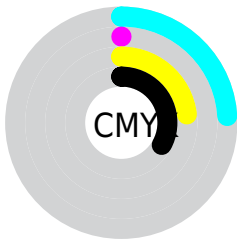
Blue (51%)



Red (51%)

Yellow (67%)

Blue (67%)

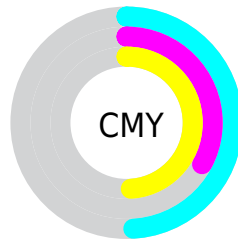


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (49%)


Magenta (33%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 27.247, 143.526 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, 27.247, 143.526 by changing the saturation by 10% instead.

 66, 27.247,
143.526


 66, 27.247,
143.526

 100, 27.247,
143.526


 56, 27.247,
143.526


 86, 27.247,
143.526

 46, 27.247,
143.526

 96, 27.247,
143.526

 36, 27.247,
143.526

 26, 27.247,
143.526

 16, 27.247,
143.526

 6, 27.247, 143.526

 0, 27.247, 143.526

66, 27.247,
143.526

66, 27.247,
143.526

65, 38.495,
142.671

67, 15.865,
144.266

64, 49.379,
141.693

69, 4.519, 144.928

63, 59.615,
140.604

71, 6.666, 325.372

62, 68.860,
139.443

73, 17.601,
325.845

61, 76.717,
138.288

75, 28.234,
326.234

61, 82.769,
137.262

77, 38.533,
326.563

61, 86.683,
136.500

80, 48.485,
326.844

61, 88.162,

80, 52.729,
326.243

Harmonies

Complementary

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



66, 27.247, 143.526



59, 27.264, 326.402

Rectangle

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



66, 27.247, 143.526



66, 27.247, 193.526



66, 27.247, 323.526



66, 27.247, 13.526

Sweetspot

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



66, 27.248, 143.526



87, 9.761, 144.722



69, 22.268, 108.609



46, 6.396, 144.686



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 27.248, 143.526



83, 40.698, 143.071



66, 18.911, 162.423



35, 6.313, 144.583



53, 79.294, 136.276



5, 11.505, 145.009

Inverse Universe

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



59, 27.264, 326.402



73, 40.699, 326.698



59, 19.525, 346.710



33, 6.323, 325.584



35, 75.553, 329.214



2, 11.401, 325.373

Previews

White Background



This preview shows how the CIELCh color 66, 27.247, 143.526 looks on a white background.

Color Contrast Check

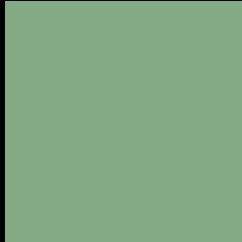
Large Text (above 18pt) WCAG AA × Fail

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 66, 27.247, 143.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

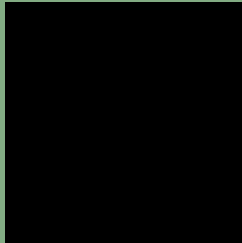
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 27.247, 143.526

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.247, 143.526.

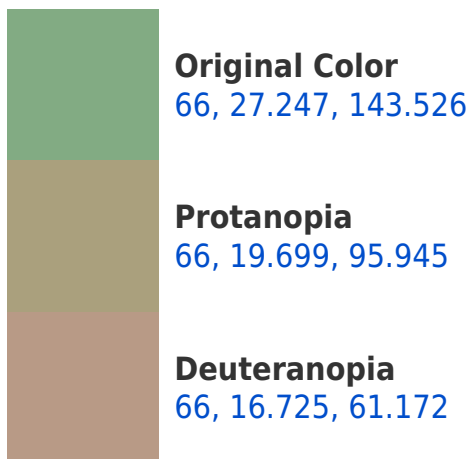


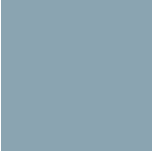
This preview shows how white text looks on a background with the CIELCh color 66, 27.247, 143.526.

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





Tritanopia
66, 11.460, 237.970

Trichromacy



Original Color
66, 27.247, 143.526

Protanomaly
66, 20.629, 118.246

Deuteranomaly
66, 14.964, 102.345

Tritanomaly
66, 11.913, 182.125

Monochromacy



Original Color
66, 27.247, 143.526

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.749, 145.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.247, 143.526 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(130, 171, 131)` looks like.

```
.text, #text, p{  
    color:rgb(130, 171, 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(130, 171, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 171, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.247, 143.526 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(130, 171, 131) }
```

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

```
.border{ border-color:rgb(130, 171, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 171, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 171, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 171, 131);  
box-shadow:4px 4px 4px 4px rgb(130, 171,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.247, 143.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 171, 131) }
```

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

```
.background{ background-color: rgb(130,  
171, 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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