

Converting Colors

CIELCh(66, 32.264, 138.976)

Have a look what the booklet for
CIELCh(66, 32.264, 138.976)
contains.

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Color

CIELCh(66, 32.279, 138.946)

Conversions

Conversions Part 1

Format	Color
Hex	80AB79
RGB	128, 171, 121
RGB Percent	50%, 67%, 47%
CMY	0.4962, 0.3275, 0.5237
CMYK	0.25, 0.00, 0.29, 0.33
HSL	112°, 23%, 57%
HSV	112°, 29%, 67%
XYZ	27.1044, 35.3238, 23.6244
YIQ	152.4430, -9.5780, -24.6660

Conversions

Conversions Part 2

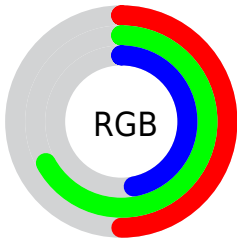
Format	Color
RYB	121, 171, 164
Decimal	8432505
CIELab	66.00, -24.34, 21.20
CIElCh	66, 32.279, 138.946
Yxy	35.3238, 0.3150, 0.4105
Android (android.graphics.Color)	4286622585 (0xFF80AB79)
YUV	152.4430, -15.5014, -21.4365
Hunter-Lab	59.4338, -22.6055, 18.0365

Details

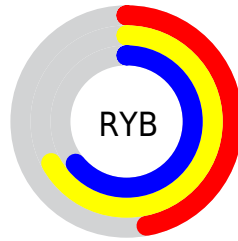
The CIELCh color **66, 32.279, 138.946** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 32.559, 321.902**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 32.349, 139.002**, and **46, 32.639, 139.157** is the 20% darker color. If you saturate the color by 10%, you get **65, 43.165, 138.240**, and if you desaturate by 10%, it is **67, 21.205, 139.582**.

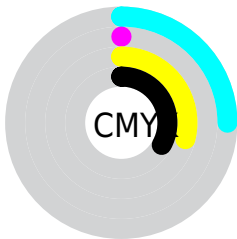
Distribution



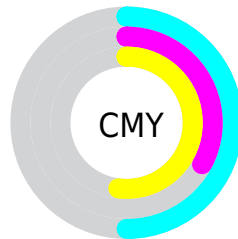
- Red (50%)
- Green (67%)
- Blue (47%)



- Red (47%)
- Yellow (67%)
- Blue (64%)



- Cyan (25%)
- Magenta (0%)
- Yellow (29%)
- Black (33%)





- Cyan (50%)
- Magenta (33%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 32.279, 138.946 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, 32.279, 138.946 by changing the saturation by 10% instead.


 66, 32.279,
138.946


 66, 32.279,
138.946


 100, 32.279,
138.946


 56, 32.279,
138.946


 86, 32.279,
138.946

 46, 32.279,
138.946

 96, 32.279,
138.946

 36, 32.279,
138.946

 26, 32.279,
138.946

 16, 32.279,
138.946

 6, 32.279, 138.946

 0, 32.279, 138.946

66, 32.279,
138.946

66, 32.279,
138.946

65, 43.165,
138.240

67, 21.205,
139.582

64, 53.638,
137.480

69, 10.101,
140.147

63, 63.412,
136.706

70, 0.911, 320.388

62, 72.115,
135.992

72, 11.748,
321.003

62, 79.300,
135.451

74, 22.353,
321.363

61, 84.523,
135.207

76, 32.689,
321.666


61, 87.773,
135.229

78, 42.737,
321.923

61, 88.006,

80, 50.889,
323.222

135.218

 81, 52.199,
326.225

Harmonies

Complementary

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



66, 32.279, 138.946



57, 32.559, 321.902

Rectangle

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



66, 32.279, 138.946



66, 32.279, 188.946



66, 32.279, 318.946



66, 32.279, 8.946

Sweetspot

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



66, 32.280, 138.947



87, 12.218, 140.148



67, 23.454, 100.047



46, 8.566, 140.071



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, 32.280, 138.947



82, 47.652, 138.499



66, 26.179, 153.993



36, 6.290, 140.139



54, 79.844, 135.139



6, 13.363, 141.311

Inverse Universe

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



57, 32.559, 321.902



69, 48.122, 322.185



57, 26.572, 338.583



34, 6.317, 320.977



32, 78.802, 322.940



2, 13.038, 318.923

Previews

White Background



This preview shows how the CIELCh color 66, 32.279, 138.946 looks on a white background.

Color Contrast Check

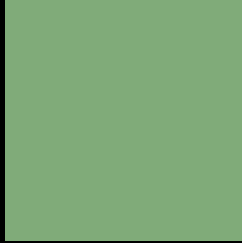
Large Text (above 18pt) WCAG AA × Fail

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, 32.279, 138.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

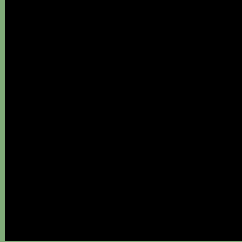
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 32.279, 138.946

Background



This preview shows how black text looks on a background with the CIELCh color 66, 32.279, 138.946.



This preview shows how white text looks on a background with the CIELCh color 66, 32.279, 138.946.

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

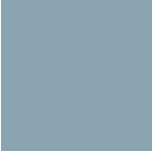
66, 32.279, 138.946

Protanopia

66, 24.681, 95.724

Deuteranopia

66, 21.293, 66.219



Tritanopia
66, 11.460, 237.970

Trichromacy



Original Color
66, 32.279, 138.946

Protanomaly
66, 25.359, 115.012

Deuteranomaly
66, 19.953, 100.889

Tritanomaly
66, 13.160, 173.338

Monochromacy



Original Color
66, 32.279, 138.946

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 11.828, 140.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 32.279, 138.946 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(128, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(128, 171, 121)  
}
```

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(128, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 32.279, 138.946 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(128, 171, 121) }
```

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

```
.border{ border-color:rgb(128, 171, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 171, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(128, 171,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 32.279, 138.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 121) }
```

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

```
.background{ background-color: rgb(128,  
171, 121) }
```

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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