

Converting Colors

CIELCh(66, 79.288, 140.644)

Have a look what the booklet for
CIELCh(66, 79.288, 140.644)
contains.

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Color

CIELCh(66, 79.561, 140.539)

Conversions

Conversions Part 1

Format	Color
Hex	26B93D
RGB	38, 185, 61
RGB Percent	15%, 73%, 24%
CMY	0.8492, 0.2757, 0.7619
CMYK	0.79, 0.00, 0.67, 0.28
HSL	129°, 66%, 44%
HSV	129°, 79%, 72%
XYZ	18.9355, 35.3238, 10.1937
YIQ	126.9110, -47.8080, -69.7280

Conversions

Conversions Part 2

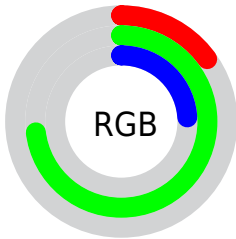
Format	Color
RYB	38, 165, 185
Decimal	2537789
CIELab	66.00, -61.43, 50.57
CIElCh	66, 79.561, 140.539
Yxy	35.3238, 0.2938, 0.5481
Android (android.graphics.Color)	4280727869 (0xFF26B93D)
YUV	126.9110, -32.4941, -77.9749
Hunter-Lab	59.4338, -47.1393, 31.4347

Details

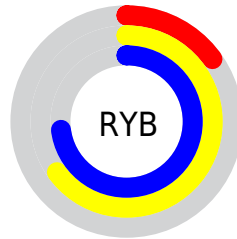
The CIELCh color **66, 79.561, 140.539** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **45, 75.665, 333.880**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 79.535, 140.683**, and **47, 72.660, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **66, 85.619, 139.055**, and if you desaturate by 10%, it is **66, 72.015, 142.025**.

Distribution



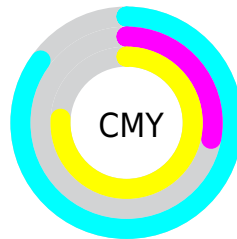
- Red (15%)
- Green (73%)
- Blue (24%)



- Red (15%)
- Yellow (65%)
- Blue (73%)



- Cyan (79%)
- Magenta (0%)
- Yellow (67%)
- Black (28%)





- Cyan (85%)
- Magenta (28%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 79.561, 140.539 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, 79.561, 140.539 by changing the saturation by 10% instead.


 66, 79.561,
140.539


 66, 79.561,
140.539


 100, 79.561,
140.539


 56, 79.561,
140.539


 86, 79.561,
140.539

 46, 79.561,
140.539

 96, 79.561,
140.539

 36, 79.561,
140.539

 26, 79.561,
140.539

 16, 79.561,
140.539

 6, 79.561, 140.539

 0, 79.561, 140.539

■ 66, 79.561,
140.539

■ 66, 79.561,
140.539

■ 66, 85.619,
139.055

■ 66, 72.015,
142.025

■ 65, 90.041,
137.742

■ 67, 63.240,
143.426

■ 65, 90.345,
137.657

■ 68, 53.512,
144.695

■ 69, 43.102,
145.816

■ 70, 32.258,
146.791

■ 72, 21.197,
147.633

■ 73, 10.095,
148.368

■ 75, 0.912, 328.653

■ 77, 11.724,
329.468

Harmonies

Complementary

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



66, 79.561, 140.539



45, 75.665, 333.880

Rectangle

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



66, 79.561, 140.539



66, 79.561, 190.539



66, 79.561, 320.539



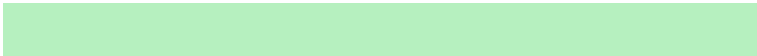
66, 79.561, 10.539

Sweetspot

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



66, 79.561, 140.539



90, 32.816, 147.209



71, 70.172, 111.311



47, 22.524, 146.902



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 79.561, 140.539



83, 108.232, 138.030



67, 51.671, 162.448



38, 6.205, 148.357



56, 79.217, 137.847



8, 17.497, 147.617

Inverse Universe

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



45, 75.665, 333.880



55, 97.409, 335.123



42, 60.113, 6.876



36, 6.221, 329.437



35, 71.042, 335.270



3, 16.121, 331.463

Previews

White Background



This preview shows how the CIELCh color 66, 79.561, 140.539 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, 79.561, 140.539 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, 79.561, 140.539

Background



This preview shows how black text looks on a background with the CIELCh color 66, 79.561, 140.539.



This preview shows how white text looks on a background with the CIELCh color 66, 79.561, 140.539.

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, 79.646, 140.609

Protanopia
65, 55.068, 95.247

Deuteranopia
65, 48.086, 79.585



Tritanopia
66, 27.676, 213.815

Trichromacy



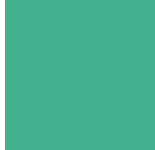
Original Color
66, 79.646, 140.609



Protanomaly
64, 60.055, 121.246



Deuteranomaly
63, 51.064, 116.647



Tritanomaly
65, 41.242, 167.092

Monochromacy



Original Color
66, 79.646, 140.609



Achromatopsia
53, 0.007, 296.813



Achromatomaly
57, 33.005, 146.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 79.561, 140.539 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(38, 185, 61)` looks like.

```
.text, #text, p{  
    color:rgb(38, 185, 61)  
}
```

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(38, 185, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 185, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 79.561, 140.539 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(38, 185, 61) }
```

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

```
.border{ border-color:rgb(38, 185, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 185, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 185, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 185, 61);  
box-shadow:4px 4px 4px 4px rgb(38, 185,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 79.561, 140.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 185, 61) }
```

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

```
.background{ background-color: rgb(38, 185,  
61) }
```

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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