

Converting Colors

CIELCh(79, 26.683, 236.678)

Have a look what the booklet for
CIELCh(79, 26.683, 236.678)
contains.

CIELCh(79, 26.656, 236.945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 26.656, 236.945)

Conversions

Conversions Part 1

Format	Color
Hex	85CDEC
RGB	133, 205, 236
RGB Percent	52%, 80%, 93%
CMY	0.4770, 0.1947, 0.0731
CMYK	0.44, 0.13, 0.00, 0.07
HSL	198°, 73%, 72%
HSV	198°, 44%, 93%
XYZ	46.8417, 54.9284, 87.7713
YIQ	187.0060, -52.8630, -5.6230

Conversions

Conversions Part 2

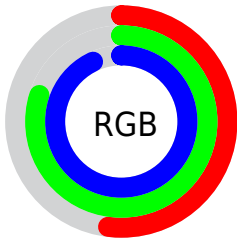
Format	Color
RYB	133, 175, 236
Decimal	8769004
CIELab	79.00, -14.54, -22.34
CIELCh	79, 26.656, 236.945
Yxy	54.9284, 0.2471, 0.2898
Android (android.graphics.Color)	4286959084 (0xFF85CDEC)
YUV	187.0060, 24.1540, -47.3633
Hunter-Lab	74.1137, -16.8824, -18.3363

Details

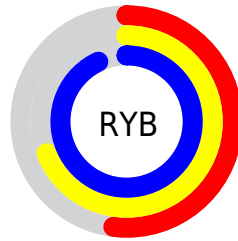
The CIELCh color **79, 26.656, 236.945** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 35.293, 49.335**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **59, 26.602, 236.431** is the 20% darker color. If you saturate the color by 10%, you get **76, 31.487, 239.113**, and if you desaturate by 10%, it is **82, 21.258, 235.226**.

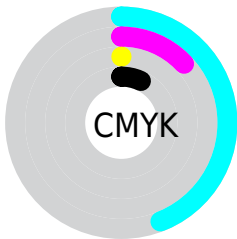
Distribution



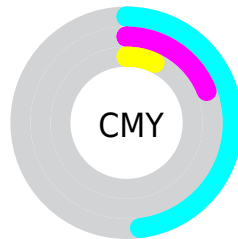
- Red (52%)
- Green (80%)
- Blue (93%)



- Red (52%)
- Yellow (69%)
- Blue (93%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)





- Cyan (48%)
- Magenta (19%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 26.656, 236.945 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 79, 26.656, 236.945 by changing the saturation by 10% instead.


 79, 26.656,
236.945


 79, 26.656,
236.945


 100, 26.656,
236.945


 69, 26.656,
236.945


 99, 26.656,
236.945

 59, 26.656,
236.945

 49, 26.656,
236.945

 39, 26.656,
236.945

 29, 26.656,
236.945

 19, 26.656,
236.945

 9, 26.656, 236.945

■ 0, 26.656, 236.945

■ 79, 26.656,
236.945

■ 79, 26.656,
236.945

■ 76, 31.487,
239.113

■ 82, 21.258,
235.226

■ 73, 35.707,
241.828

■ 85, 15.369,
233.879

■ 70, 39.311,
245.178

■ 89, 9.070, 232.838

■ 68, 42.367,
249.220

■ 92, 2.441, 232.171

■ 66, 45.023,
253.939

■ 96, 4.445, 51.151

■ 64, 46.664,
257.182

■ 98, 6.426, 86.874

■ 100, 9.431,
109.463

Harmonies

Complementary

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



79, 26.656, 236.945



74, 35.293, 49.335

Rectangle

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



79, 26.656, 236.945



79, 26.656, 286.945



79, 26.656, 56.945



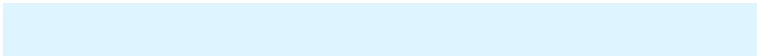
79, 26.656, 106.945

Sweetspot

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



79, 26.655, 236.943



95, 9.247, 232.791



86, 52.186, 150.332



50, 6.438, 232.994



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 26.655, 236.943



82, 32.688, 238.787



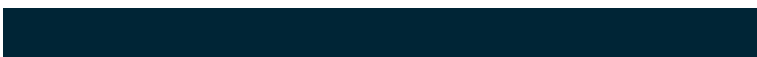
65, 45.897, 287.376



47, 3.806, 232.495



50, 37.901, 256.229



13, 15.266, 247.619

Inverse Universe

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



69, 52.695, 337.673



70, 65.770, 338.482



86, 43.287, 95.201



46, 6.849, 334.945



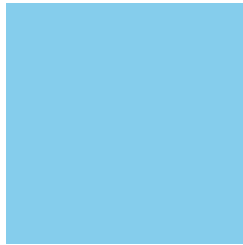
40, 71.352, 344.929



8, 31.460, 341.810

Previews

White Background



This preview shows how the CIELCh color 79, 26.656, 236.945 looks on a white background.

Color Contrast Check

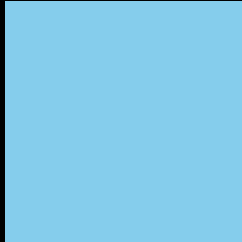
Large Text (above 18pt) WCAG AA × Fail

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 79, 26.656, 236.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

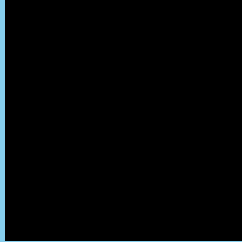
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 26.656, 236.945

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.656, 236.945.

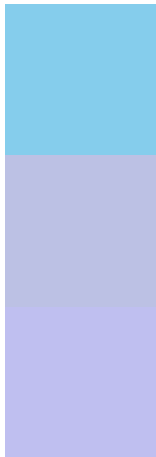


This preview shows how white text looks on a background with the CIELCh color 79, 26.656, 236.945.

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
79, 26.656, 236.945

Protanopia
79, 18.763, 286.691

Deuteranopia
79, 26.227, 292.510



Tritanopia
79, 25.093, 219.270

Trichromacy



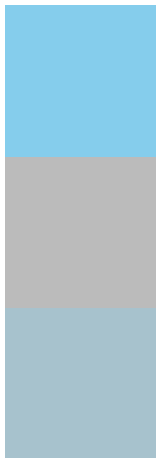
Original Color
79, 26.656, 236.945

Protanomaly
78, 20.191, 263.862

Deuteranomaly
79, 24.170, 272.039

Tritanomaly
79, 25.334, 225.871

Monochromacy



Original Color
79, 26.656, 236.945

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.911, 231.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.656, 236.945 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(133, 205, 236)` looks like.

```
.text, #text, p{  
    color:rgb(133, 205, 236)  
}
```

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(133, 205, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 205, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.656, 236.945 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(133, 205, 236) }
```

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

```
.border{ border-color:rgb(133, 205, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 205, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 205, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 205, 236);  
box-shadow:4px 4px 4px 4px rgb(133, 205,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.656, 236.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 205, 236) }
```

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

```
.background{ background-color: rgb(133,  
205, 236) }
```

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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