

Converting Colors

CIELCh(68, 26.716, 139.017)

Have a look what the booklet for
CIELCh(68, 26.716, 139.017)
contains.

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Color

CIELCh(68, 26.779, 138.552)

Conversions

Conversions Part 1

Format	Color
Hex	8CAF85
RGB	140, 175, 133
RGB Percent	55%, 69%, 52%
CMY	0.4506, 0.3134, 0.4781
CMYK	0.20, 0.00, 0.24, 0.31
HSL	110°, 21%, 60%
HSV	110°, 24%, 69%
XYZ	30.4154, 37.9720, 27.9462
YIQ	159.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

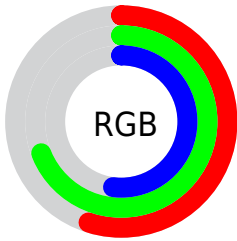
Format	Color
RYB	133, 175, 168
Decimal	9219973
CIELab	68.00, -20.07, 17.73
CIElCh	68, 26.779, 138.552
Yxy	37.9720, 0.3157, 0.3942
Android (android.graphics.Color)	4287410053 (0xFF8CAF85)
YUV	159.7470, -13.1863, -17.3181
Hunter-Lab	61.6215, -19.7327, 16.2462

Details

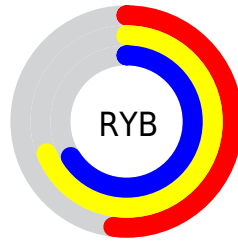
The CIELCh color $68, 26.779, 138.552$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 27.022, 320.871$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 27.129, 138.487$, and $48, 26.649, 138.456$ is the 20% darker color. If you saturate the color by 10%, you get $67, 37.884, 137.909$, and if you desaturate by 10%, it is $69, 15.579, 139.130$.

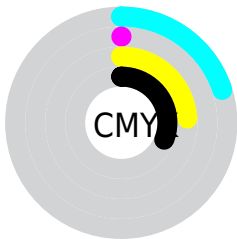
Distribution



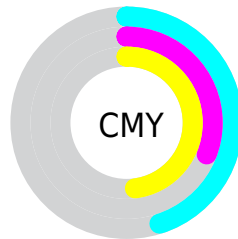
- Red (55%)
- Green (69%)
- Blue (52%)



- Red (52%)
- Yellow (69%)
- Blue (66%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (31%)





- Cyan (45%)
- Magenta (31%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.779, 138.552 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 68, 26.779, 138.552 by changing the saturation by 10% instead.

 68, 26.779,
138.552


 68, 26.779,
138.552


 100, 26.779,
138.552


 58, 26.779,
138.552


 88, 26.779,
138.552

 48, 26.779,
138.552

 98, 26.779,
138.552

 38, 26.779,
138.552

 28, 26.779,
138.552

 18, 26.779,
138.552

 8, 26.779, 138.552

 0, 26.779, 138.552

■ 68, 26.779,
138.552

■ 68, 26.779,
138.552

■ 67, 37.884,
137.909

■ 69, 15.579,
139.130

■ 66, 48.704,
137.208

■ 71, 4.415, 139.662

■ 65, 58.992,
136.481

■ 72, 6.614, 320.021

■ 64, 68.423,
135.783

■ 74, 17.440,
320.412

■ 63, 76.580,
135.210

■ 76, 28.019,
320.734

■ 63, 82.995,
134.884

■ 78, 38.324,
321.006

■ 63, 87.282,
134.916

■ 80, 48.051,
321.435

■ 62, 89.093,

■ 81, 49.991,
326.151

134.983

Harmonies

Complementary

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



68, 26.779, 138.552



60, 27.022, 320.871

Rectangle

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



68, 26.779, 138.552



68, 26.779, 188.552



68, 26.779, 318.552



68, 26.779, 8.552

Sweetspot

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



68, 26.781, 138.553



89, 9.587, 139.494



68, 18.986, 98.680



47, 6.282, 139.463



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 26.781, 138.553



85, 39.962, 138.206



68, 22.491, 153.120



36, 6.239, 139.380



54, 79.570, 134.880



6, 13.274, 140.692

Inverse Universe

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



60, 27.022, 320.871



73, 40.390, 321.117



60, 22.726, 336.673



34, 6.268, 320.195



31, 79.054, 321.986



2, 12.908, 317.887

Previews

White Background



This preview shows how the CIELCh color 68, 26.779, 138.552 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 68, 26.779, 138.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

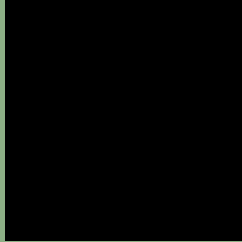
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 26.779, 138.552

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.779, 138.552.



This preview shows how white text looks on a background with the CIELCh color 68, 26.779, 138.552.

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
68, 26.779, 138.552

Protanopia
68, 20.745, 95.380

Deuteranopia
68, 18.426, 63.033



Tritanopia
68, 10.164, 243.945

Trichromacy



Original Color
68, 26.779, 138.552

Protanomaly
68, 21.394, 114.523

Deuteranomaly
68, 16.673, 98.616

Tritanomaly
68, 10.409, 176.769

Monochromacy



Original Color
68, 26.779, 138.552

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.521, 138.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.779, 138.552 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(140, 175, 133)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 133)  
}
```

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(140, 175, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.779, 138.552 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(140, 175, 133) }
```

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

```
.border{ border-color:rgb(140, 175, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 133);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.779, 138.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 133) }
```

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

```
.background{ background-color: rgb(140,  
175, 133) }
```

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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