

Converting Colors

CIELCh(71, 78.247, 135.241)

Have a look what the booklet for
CIELCh(71, 78.247, 135.241)
contains.

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Color

CIELCh(71, 78.247, 135.241)

Conversions

Conversions Part 1

Format	Color
Hex	58C540
RGB	88, 197, 64
RGB Percent	35%, 77%, 25%
CMY	0.6565, 0.2289, 0.7504
CMYK	0.55, 0.00, 0.68, 0.23
HSL	109°, 53%, 51%
HSV	109°, 68%, 77%
XYZ	24.7851, 42.1875, 11.6339
YIQ	149.2470, -22.2710, -64.4710

Conversions

Conversions Part 2

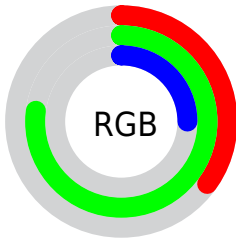
Format	Color
RYB	64, 197, 173
Decimal	5817664
CIELab	71.00, -55.56, 55.10
CIELCh	71, 78.247, 135.241
Yxy	42.1875, 0.3153, 0.5367
Android (android.graphics.Color)	4284007744 (0xFF58C540)
YUV	149.2470, -42.0268, -53.7136
Hunter-Lab	64.9519, -45.5516, 34.8465

Details

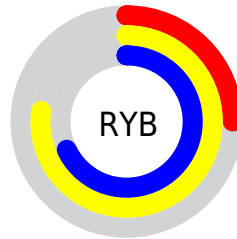
The CIELCh color **71, 78.247, 135.241** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **48, 79.331, 321.956**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 78.498, 135.315**, and **51, 77.208, 135.776** is the 20% darker color. If you saturate the color by 10%, you get **70, 86.473, 134.791**, and if you desaturate by 10%, it is **72, 68.415, 135.875**.

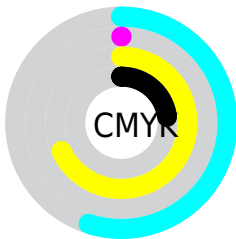
Distribution



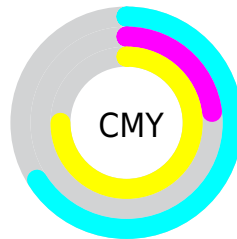
- Red (35%)
- Green (77%)
- Blue (25%)



- Red (25%)
- Yellow (77%)
- Blue (68%)



- Cyan (55%)
- Magenta (0%)
- Yellow (68%)
- Black (23%)





- Cyan (66%)
- Magenta (23%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 78.247, 135.241 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 71, 78.247, 135.241 by changing the saturation by 10% instead.


 71, 78.247,
135.241


 71, 78.247,
135.241


 100, 78.247,
135.241


 61, 78.247,
135.241


 91, 78.247,
135.241

 51, 78.247,
135.241

 41, 78.247,
135.241

 31, 78.247,
135.241

 21, 78.247,
135.241

 11, 78.247,
135.241

 1, 78.247, 135.241

■ 0, 78.247, 135.241

■ 71, 78.247,
135.241

■ 71, 78.247,
135.241

■ 70, 86.473,
134.791

■ 72, 68.415,
135.875

■ 70, 92.579,
134.652

■ 73, 57.470,
136.580

■ 70, 96.332,
134.874

■ 74, 45.815,
137.282

■ 70, 97.036,
134.914

■ 75, 33.755,
137.940

■ 77, 21.517,
138.536

■ 78, 9.270, 139.072

■ 80, 2.867, 319.431

■ 82, 14.808,
319.882

■ 84, 26.495,
320.223

Harmonies

Complementary

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



71, 78.247, 135.241



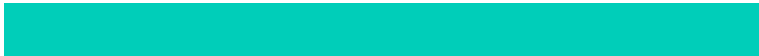
48, 79.331, 321.956

Rectangle

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



71, 78.247, 135.241



71, 78.247, 185.241



71, 78.247, 315.241



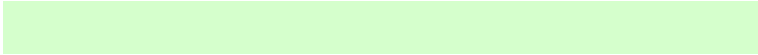
71, 78.247, 5.241

Sweetspot

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



71, 78.247, 135.242



96, 30.159, 138.383



71, 56.971, 93.417



51, 20.584, 138.215



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 78.247, 135.242



89, 108.943, 134.681



71, 65.846, 147.613



41, 6.959, 138.981



59, 84.372, 134.794



11, 25.288, 140.037

Inverse Universe

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



48, 79.331, 321.956



56, 109.634, 321.951



49, 65.102, 340.878



39, 6.995, 319.802



33, 84.081, 321.468



4, 24.680, 319.315

Previews

White Background



This preview shows how the CIELCh color 71, 78.247, 135.241 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 71, 78.247, 135.241 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 71, 78.247, 135.241

Background



This preview shows how black text looks on a background with the CIELCh color 71, 78.247, 135.241.



This preview shows how white text looks on a background with the CIELCh color 71, 78.247, 135.241.

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

71, 78.247, 135.241

Protanopia

71, 59.549, 95.516

Deuteranopia

70, 52.835, 80.020



Tritanopia
71, 22.959, 218.948

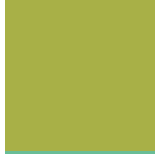
Trichromacy



Original Color
71, 78.247, 135.241



Protanomaly
70, 62.748, 114.839



Deuteranomaly
69, 54.253, 108.408



Tritanomaly
71, 36.593, 161.070

Monochromacy



Original Color
71, 78.247, 135.241



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 30.696, 137.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 78.247, 135.241 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(88, 197, 64)` looks like.

```
.text, #text, p{  
    color:rgb(88, 197, 64)  
}
```

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(88, 197, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 197, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 78.247, 135.241 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(88, 197, 64) }
```

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

```
.border{ border-color:rgb(88, 197, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 197, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 197, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 197, 64);  
box-shadow:4px 4px 4px 4px rgb(88, 197,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 78.247, 135.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 197, 64) }
```

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

```
.background{ background-color: rgb(88, 197,  
64) }
```

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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