

Converting Colors

CIELCh(73, 73.870, 143.716)

Have a look what the booklet for
CIELCh(73, 73.870, 143.716)
contains.

CIELCh(73, 73.951, 143.694)	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(73, 73.951, 143.694)

Conversions

Conversions Part 1

Format	Color
Hex	42CC5E
RGB	66, 204, 94
RGB Percent	26%, 80%, 37%
CMY	0.7411, 0.1999, 0.6313
CMYK	0.68, 0.00, 0.54, 0.20
HSL	132°, 58%, 53%
HSV	132°, 68%, 80%
XYZ	25.8683, 45.1644, 17.9490
YIQ	150.1980, -46.9380, -63.4660

Conversions

Conversions Part 2

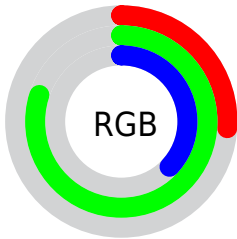
Format	Color
RYB	66, 181, 204
Decimal	4377694
CIELab	73.00, -59.59, 43.79
CIELCh	73, 73.951, 143.694
Yxy	45.1644, 0.2907, 0.5076
Android (android.graphics.Color)	4282567774 (0xFF42CC5E)
YUV	150.1980, -27.7056, -73.8416
Hunter-Lab	67.2044, -48.8996, 31.2079

Details

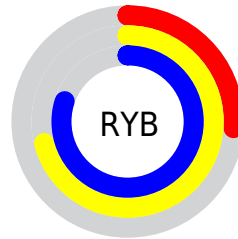
The CIELCh color **73, 73.951, 143.694** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **52, 72.142, 335.317**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 70.034, 144.110**, and **53, 70.549, 141.229** is the 20% darker color. If you saturate the color by 10%, you get **72, 82.173, 142.105**, and if you desaturate by 10%, it is **74, 64.566, 145.152**.

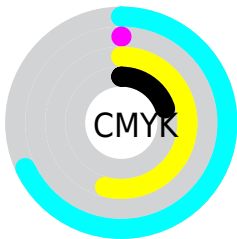
Distribution



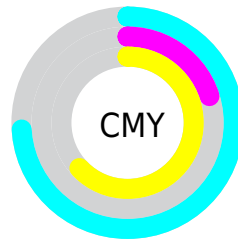
- Red (26%)
- Green (80%)
- Blue (37%)



- Red (26%)
- Yellow (71%)
- Blue (80%)



- Cyan (68%)
- Magenta (0%)
- Yellow (54%)
- Black (20%)





- Cyan (74%)
- Magenta (20%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 73.951, 143.694 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 73, 73.951, 143.694 by changing the saturation by 10% instead.


 73, 73.951,
143.694


 73, 73.951,
143.694


 100, 73.951,
143.694

 63, 73.951,
143.694


 93, 73.951,
143.694

 53, 73.951,
143.694

 43, 73.951,
143.694

 33, 73.951,
143.694

 23, 73.951,
143.694

 13, 73.951,
143.694

 3, 73.951, 143.694

■ 0, 73.951, 143.694

■ 73, 73.951,
143.694

■ 73, 73.951,
143.694

■ 72, 82.173,
142.105

■ 74, 64.566,
145.152

■ 72, 89.003,
140.446

■ 75, 54.266,
146.451

■ 72, 94.289,
138.837

■ 76, 43.311,
147.587

■ 72, 95.345,
138.512

■ 77, 31.941,
148.572

■ 79, 20.372,
149.424

■ 81, 8.777, 150.175

■ 83, 2.706, 330.653

■ 85, 13.978,
331.294

■ 87, 24.971,
331.782

Harmonies

Complementary

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



73, 73.951, 143.694



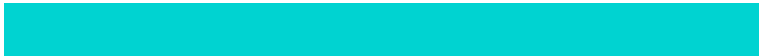
52, 72.142, 335.317

Rectangle

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



73, 73.951, 143.694



73, 73.951, 193.694



73, 73.951, 323.694



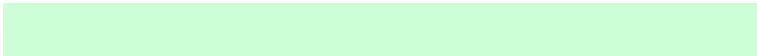
73, 73.951, 13.694

Sweetspot

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



73, 73.952, 143.694



96, 27.701, 149.212



78, 68.563, 113.917



50, 18.905, 148.973



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 73.952, 143.694



88, 100.998, 141.375



74, 47.735, 167.949



42, 6.527, 150.047



59, 81.214, 138.764



12, 25.925, 146.545

Inverse Universe

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



52, 72.142, 335.317



60, 94.846, 336.557



49, 57.793, 7.145



40, 6.547, 331.183



37, 71.617, 338.232



5, 24.599, 335.518

Previews

White Background



This preview shows how the CIELCh color 73, 73.951, 143.694 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 73, 73.951, 143.694 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 73, 73.951, 143.694

Background



This preview shows how black text looks on a background with the CIELCh color 73, 73.951, 143.694.

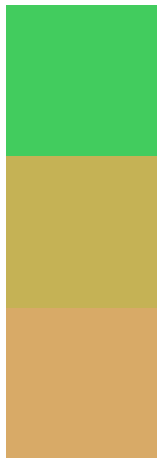


This preview shows how white text looks on a background with the CIELCh color 73, 73.951, 143.694.

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
73, 73.951, 143.694

Protanopia
72, 49.440, 95.611

Deuteranopia
72, 41.670, 77.710



Tritanopia
73, 28.221, 214.434

Trichromacy



Original Color
73, 73.951, 143.694



Protanomaly
71, 53.803, 122.304



Deuteranomaly
71, 44.151, 117.408



Tritanomaly
72, 38.741, 171.506

Monochromacy



Original Color
73, 73.951, 143.694



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 29.592, 148.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 73.951, 143.694 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(66, 204, 94)` looks like.

```
.text, #text, p{  
    color:rgb(66, 204, 94)  
}
```

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(66, 204, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 204, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 73.951, 143.694 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(66, 204, 94) }
```

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

```
.border{ border-color:rgb(66, 204, 94) }
```

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

Here you see how a box with a 4 pixel rgb(66, 204, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 204, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 204, 94);  
box-shadow:4px 4px 4px 4px rgb(66, 204,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 73.951, 143.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 204, 94) }
```

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

```
.background{ background-color: rgb(66, 204,  
94) }
```

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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