

Converting Colors

CIELCh(71, 55.793, 161.657)

Have a look what the booklet for
CIELCh(71, 55.793, 161.657)
contains.

CIELCh(71, 55.793, 161.657)	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(71, 55.793, 161.657)

Conversions

Conversions Part 1

Format	Color
Hex	23C58C
RGB	35, 197, 140
RGB Percent	14%, 77%, 55%
CMY	0.8627, 0.2274, 0.4509
CMYK	0.82, 0.00, 0.29, 0.23
HSL	159°, 70%, 45%
HSV	159°, 82%, 77%
XYZ	25.3960, 42.1875, 31.6187
YIQ	142.0640, -78.2550, -52.0710

Conversions

Conversions Part 2

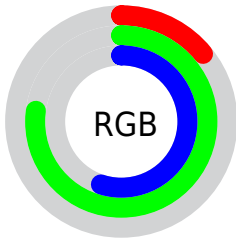
Format	Color
RYB	35, 133, 197
Decimal	2344332
CIELab	71.00, -52.96, 17.56
CIELCh	71, 55.793, 161.657
Yxy	42.1875, 0.2560, 0.4253
Android (android.graphics.Color)	4280534412 (0xFF23C58C)
YUV	142.0640, -1.0176, -93.8951
Hunter-Lab	64.9519, -43.8729, 16.6039

Details

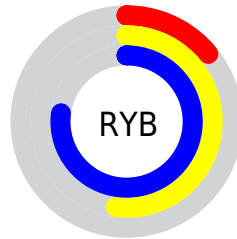
The CIELCh color **71, 55.793, 161.657** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **44, 64.701, 8.045**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 55.782, 161.629**, and **52, 49.115, 157.510** is the 20% darker color. If you saturate the color by 10%, you get **71, 59.592, 159.568**, and if you desaturate by 10%, it is **71, 51.208, 163.539**.

Distribution



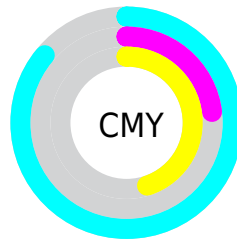
- Red (14%)
- Green (77%)
- Blue (55%)



- Red (14%)
- Yellow (52%)
- Blue (77%)



- Cyan (82%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)





- Cyan (86%)
- Magenta (23%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 55.793, 161.657 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, 55.793, 161.657 by changing the saturation by 10% instead.


 71, 55.793,
161.657


 71, 55.793,
161.657


 100, 55.793,
161.657


 61, 55.793,
161.657


 91, 55.793,
161.657

 51, 55.793,
161.657

 41, 55.793,
161.657

 31, 55.793,
161.657

 21, 55.793,
161.657

 11, 55.793,
161.657

 1, 55.793, 161.657

■ 0, 55.793, 161.657

■ 71, 55.793,
161.657

■ 71, 55.793,
161.657

■ 71, 59.592,
159.568

■ 71, 51.208,
163.539

■ 71, 62.150,
157.868

■ 72, 45.819,
165.221

■ 73, 39.679,
166.720

■ 74, 32.889,
168.061

■ 75, 25.574,
169.270

■ 76, 17.871,
170.371

■ 78, 9.909, 171.391

■ 79, 1.805, 172.520

■ 81, 6.343, 353.057

Harmonies

Complementary

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



71, 55.793, 161.657



44, 64.701, 8.045

Rectangle

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



71, 55.793, 161.657



71, 55.793, 211.657



71, 55.793, 341.657



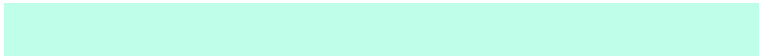
71, 55.793, 31.657

Sweetspot

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



71, 55.793, 161.656



95, 24.699, 170.033



71, 85.579, 130.644



50, 16.772, 169.641



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, 55.793, 161.656



89, 75.587, 157.713



66, 34.863, 217.302



41, 4.639, 171.674



59, 53.732, 158.206



11, 17.592, 164.112

Inverse Universe

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



44, 64.701, 8.045



54, 85.895, 16.968



45, 70.333, 39.287



39, 4.745, 353.281



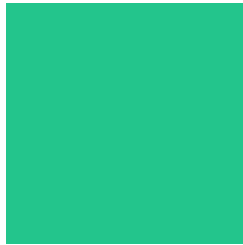
34, 61.363, 15.726



4, 16.762, 1.543

Previews

White Background



This preview shows how the CIELCh color 71, 55.793, 161.657 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, 55.793, 161.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

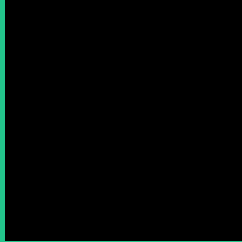
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 55.793, 161.657

Background



This preview shows how black text looks on a background with the CIELCh color 71, 55.793, 161.657.

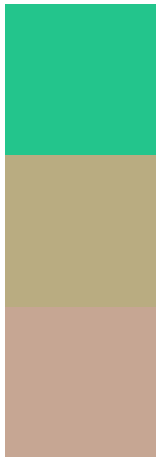


This preview shows how white text looks on a background with the CIELCh color 71, 55.793, 161.657.

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

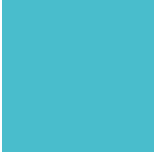
71, 55.793, 161.657

Protanopia

70, 23.935, 94.799

Deuteranopia

70, 16.712, 58.189



Tritanopia
71, 32.586, 211.845

Trichromacy



Original Color
71, 55.793, 161.657



Protanomaly
69, 32.743, 144.112



Deuteranomaly
69, 23.277, 146.811



Tritanomaly
71, 38.069, 187.334

Monochromacy



Original Color
71, 55.793, 161.657



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 24.570, 168.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 55.793, 161.657 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(35, 197, 140)` looks like.

```
.text, #text, p{  
    color:rgb(35, 197, 140)  
}
```

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(35, 197, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 197, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 55.793, 161.657 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(35, 197, 140) }
```

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

```
.border{ border-color:rgb(35, 197, 140) }
```

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

Here you see how a box with a 4 pixel rgb(35, 197, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 197, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 197, 140);  
box-shadow:4px 4px 4px 4px rgb(35, 197,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 55.793, 161.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 197, 140) }
```

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

```
.background{ background-color: rgb(35, 197,  
140) }
```

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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