

Converting Colors

CIELCh(73, 43.145, 165.202)

Have a look what the booklet for
CIELCh(73, 43.145, 165.202)
contains.

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Color

CIELCh(73, 43.145, 165.202)

Conversions

Conversions Part 1

Format	Color
Hex	57C79E
RGB	87, 199, 158
RGB Percent	34%, 78%, 62%
CMY	0.6602, 0.2209, 0.3816
CMYK	0.56, 0.00, 0.21, 0.22
HSL	158°, 50%, 56%
HSV	158°, 56%, 78%
XYZ	30.3914, 45.1644, 39.3243
YIQ	160.8380, -53.5910, -36.4950

Conversions

Conversions Part 2

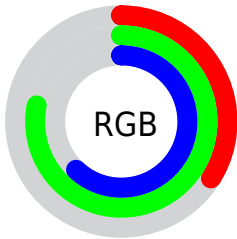
Format	Color
RYB	87, 156, 199
Decimal	5752734
CIELab	73.00, -41.71, 11.02
CIELCh	73, 43.145, 165.202
Yxy	45.1644, 0.2645, 0.3931
Android (android.graphics.Color)	4283942814 (0xFF57C79E)
YUV	160.8380, -1.3991, -64.7559
Hunter-Lab	67.2044, -36.8859, 12.3499

Details

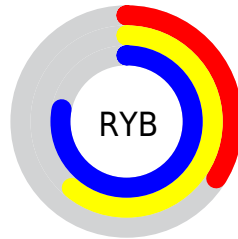
The CIELCh color **73, 43.145, 165.202** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **52, 48.766, 359.180**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 42.317, 165.951**, and **53, 42.870, 165.558** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.140, 163.617**, and if you desaturate by 10%, it is **74, 36.454, 166.614**.

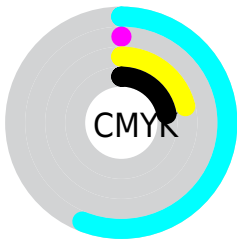
Distribution



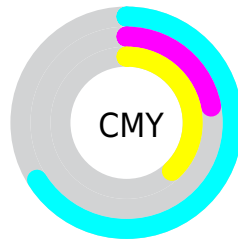
- Red (34%)
- Green (78%)
- Blue (62%)



- Red (34%)
- Yellow (61%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (66%)
- Magenta (22%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.145, 165.202 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, 43.145, 165.202 by changing the saturation by 10% instead.


 73, 43.145,
165.202


 73, 43.145,
165.202


 100, 43.145,
165.202


 63, 43.145,
165.202


 93, 43.145,
165.202

 53, 43.145,
165.202

 43, 43.145,
165.202

 33, 43.145,
165.202

 23, 43.145,
165.202

 13, 43.145,
165.202

 3, 43.145, 165.202

0, 43.145, 165.202

73, 43.145,
165.202

73, 43.145,
165.202

72, 49.140,
163.617

74, 36.454,
166.614

72, 54.352,
161.839

75, 29.185,
167.880

71, 58.752,
159.854

76, 21.476,
169.024

71, 62.397,
157.672

78, 13.463,
170.073

71, 63.627,
156.887

79, 5.270, 171.076

81, 2.998, 351.720

83, 11.253,

352.651

■ 85, 19.429,
353.438

■ 86, 24.134,
349.490

Harmonies

Complementary

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



73, 43.145, 165.202



52, 48.766, 359.180

Rectangle

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



73, 43.145, 165.202



73, 43.145, 215.202



73, 43.145, 345.202



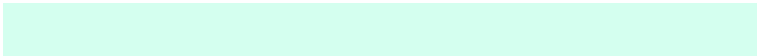
73, 43.145, 35.202

Sweetspot

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



73, 43.146, 165.201



97, 17.096, 169.985



74, 64.053, 130.931



51, 11.416, 169.777



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, 43.146, 165.201



90, 61.042, 163.171



70, 29.113, 213.857



41, 4.681, 170.772



59, 54.642, 157.241



11, 17.825, 163.193

Inverse Universe

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



52, 48.766, 359.180



61, 69.889, 2.357



54, 45.497, 35.082



39, 4.783, 352.371



34, 61.117, 14.402



4, 16.838, 0.786

Previews

White Background



This preview shows how the CIELCh color 73, 43.145, 165.202 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, 43.145, 165.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

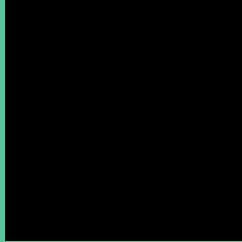
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

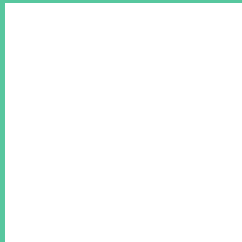
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 43.145, 165.202

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.145, 165.202.



This preview shows how white text looks on a background with the CIELCh color 73, 43.145, 165.202.

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](#).

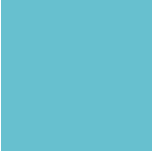
Dichromacy



Original Color
73, 43.145, 165.202

Protanopia
73, 17.217, 95.041

Deuteranopia
73, 11.837, 41.579

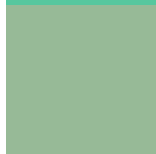


Tritanopia
73, 27.584, 214.878

Trichromacy



Original Color
73, 43.145, 165.202



Protanomaly
72, 23.265, 143.265



Deuteranomaly
72, 13.985, 147.437

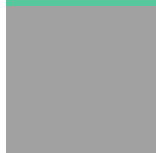


Tritanomaly
73, 30.379, 191.925

Monochromacy



Original Color
73, 43.145, 165.202



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 17.260, 169.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.145, 165.202 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(87, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(87, 199, 158)  
}
```

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(87, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 199, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.145, 165.202 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(87, 199, 158) }
```

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

```
.border{ border-color:rgb(87, 199, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(87, 199,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.145, 165.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 199, 158) }
```

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

```
.background{ background-color: rgb(87, 199,  
158) }
```

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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