

Converting Colors

CIELCh(73, 45.154, 164.228)

Have a look what the booklet for
CIELCh(73, 45.154, 164.228)
contains.

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Color

CIELCh(73, 45.136, 164.182)

Conversions

Conversions Part 1

Format	Color
Hex	52C79B
RGB	82, 199, 155
RGB Percent	32%, 78%, 61%
CMY	0.6772, 0.2185, 0.3911
CMYK	0.59, 0.00, 0.22, 0.22
HSL	157°, 51%, 55%
HSV	157°, 59%, 78%
XYZ	29.9370, 45.1644, 38.2707
YIQ	159.0010, -55.6080, -38.4880

Conversions

Conversions Part 2

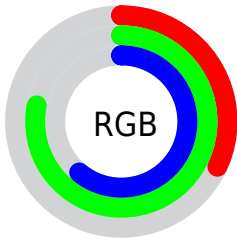
Format	Color
RYB	82, 154, 199
Decimal	5425051
CIELab	73.00, -43.43, 12.30
CIELCh	73, 45.136, 164.182
Yxy	45.1644, 0.2641, 0.3984
Android (android.graphics.Color)	4283615131 (0xFF52C79B)
YUV	159.0010, -1.9725, -67.5299
Hunter-Lab	67.2044, -38.0930, 13.2794

Details

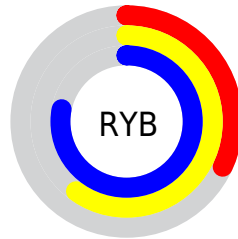
The CIELCh color **73, 45.136, 164.182** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **52, 50.846, 358.935**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 44.510, 164.414**, and **53, 44.561, 164.129** is the 20% darker color. If you saturate the color by 10%, you get **72, 51.060, 162.547**, and if you desaturate by 10%, it is **74, 38.493, 165.636**.

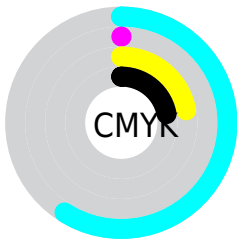
Distribution



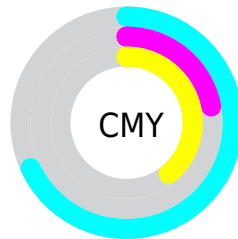
- Red (32%)
- Green (78%)
- Blue (61%)



- Red (32%)
- Yellow (60%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)





- Cyan (68%)
- Magenta (22%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 45.136, 164.182 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, 45.136, 164.182 by changing the saturation by 10% instead.


 73, 45.136,
164.182


 73, 45.136,
164.182


 100, 45.136,
164.182


 63, 45.136,
164.182


 93, 45.136,
164.182

 53, 45.136,
164.182

 43, 45.136,
164.182

 33, 45.136,
164.182

 23, 45.136,
164.182

 13, 45.136,
164.182

 3, 45.136, 164.182

■ 0, 45.136, 164.182

■ 73, 45.136,
164.182

■ 73, 45.136,
164.182

■ 72, 51.060,
162.547

■ 74, 38.493,
165.636

■ 72, 56.188,
160.712

■ 75, 31.245,
166.937

■ 71, 60.505,
158.668

■ 76, 23.530,
168.109

■ 71, 64.129,
156.460

■ 77, 15.486,
169.176

■ 71, 64.586,
156.178

■ 79, 7.240, 170.176

■ 81, 1.096, 350.595

■ 82, 9.431, 351.787

■ 84, 17.694,
352.584

■ 86, 23.695,
350.220

Harmonies

Complementary

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



73, 45.136, 164.182



52, 50.846, 358.935

Rectangle

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



73, 45.136, 164.182



73, 45.136, 214.182



73, 45.136, 344.182



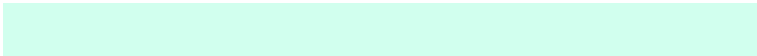
73, 45.136, 34.182

Sweetspot

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



73, 45.137, 164.181



97, 18.219, 169.220



74, 66.232, 130.333



51, 12.630, 168.915



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, 45.137, 164.181



90, 62.998, 162.139



70, 30.294, 211.678



41, 4.714, 170.108



59, 55.326, 156.539



11, 18.001, 162.520

Inverse Universe

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



52, 50.846, 358.935



60, 71.559, 2.142



53, 48.389, 34.223



39, 4.812, 351.700



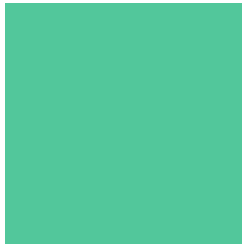
34, 60.957, 13.405



4, 16.899, 0.212

Previews

White Background



This preview shows how the CIELCh color 73, 45.136, 164.182 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 CIE LCh color 73, 45.136, 164.182 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

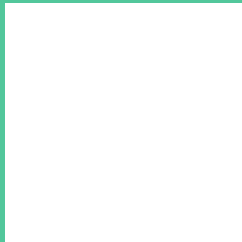
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 45.136, 164.182

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.136, 164.182.

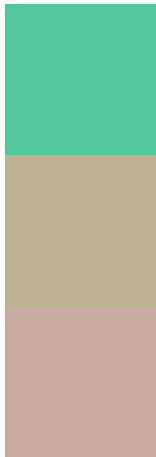


This preview shows how white text looks on a background with the CIELCh color 73, 45.136, 164.182.

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](#).

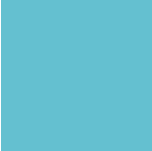
Dichromacy



Original Color
73, 45.136, 164.182

Protanopia
73, 18.268, 95.675

Deuteranopia
73, 12.958, 47.429



Tritanopia
73, 28.280, 215.578

Trichromacy



Original Color
73, 45.136, 164.182



Protanomaly
72, 24.384, 142.512



Deuteranomaly
72, 15.534, 144.788

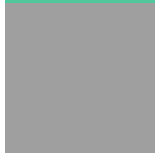


Tritanomaly
73, 31.432, 191.025

Monochromacy



Original Color
73, 45.136, 164.182



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 18.178, 168.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.136, 164.182 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(82, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(82, 199, 155)  
}
```

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(82, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 199, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.136, 164.182 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(82, 199, 155) }
```

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

```
.border{ border-color:rgb(82, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(82, 199,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.136, 164.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 199, 155) }
```

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

```
.background{ background-color: rgb(82, 199,  
155) }
```

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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