

Converting Colors

CIELCh(73, 79.055, 141.674)

Have a look what the booklet for
CIELCh(73, 79.055, 141.674)
contains.

CIELCh(73, 79.064, 141.721)	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, 79.064, 141.721)

Conversions

Conversions Part 1

Format	Color
Hex	3ECD53
RGB	62, 205, 83
RGB Percent	24%, 80%, 33%
CMY	0.7583, 0.1971, 0.6755
CMYK	0.70, 0.00, 0.60, 0.20
HSL	129°, 59%, 52%
HSV	129°, 70%, 80%
XYZ	25.2810, 45.1644, 15.5178
YIQ	148.3350, -46.0660, -68.2580

Conversions

Conversions Part 2

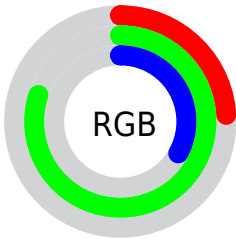
Format	Color
RYB	62, 187, 205
Decimal	4115795
CIELab	73.00, -62.07, 48.98
CIELCh	73, 79.064, 141.721
Yxy	45.1644, 0.2941, 0.5254
Android (android.graphics.Color)	4282305875 (0xFF3ECD53)
YUV	148.3350, -32.2102, -75.7158
Hunter-Lab	67.2044, -50.4595, 33.3528

Details

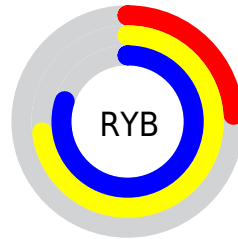
The CIELCh color **73, 79.064, 141.721** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **52, 76.712, 333.111**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 74.711, 141.944**, and **54, 75.150, 138.737** is the 20% darker color. If you saturate the color by 10%, you get **72, 87.086, 140.231**, and if you desaturate by 10%, it is **74, 69.646, 143.138**.

Distribution



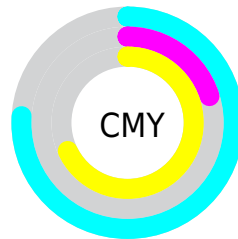
- Red (24%)
- Green (80%)
- Blue (33%)



- Red (24%)
- Yellow (73%)
- Blue (80%)



- Cyan (70%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)





- Cyan (76%)
- Magenta (20%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 79.064, 141.721 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, 79.064, 141.721 by changing the saturation by 10% instead.


 73, 79.064,
141.721


 73, 79.064,
141.721


 100, 79.064,
141.721


 63, 79.064,
141.721


 93, 79.064,
141.721

 53, 79.064,
141.721

 43, 79.064,
141.721

 33, 79.064,
141.721

 23, 79.064,
141.721

 13, 79.064,
141.721

 3, 79.064, 141.721

73, 79.064,
141.721

73, 79.064,
141.721

72, 87.086,
140.231

74, 69.646,
143.138

72, 93.421,
138.763

75, 59.140,
144.428

72, 97.921,
137.497

76, 47.849,
145.569

72, 97.960,
137.486

77, 36.054,
146.563

79, 24.000,
147.421

80, 11.885,
148.166

■ 82, 0.135, 326.542

■ 84, 11.946,
329.285

■ 87, 23.472,
329.764

Harmonies

Complementary

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



73, 79.064, 141.721



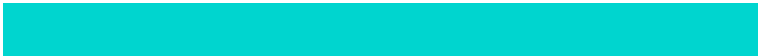
52, 76.712, 333.111

Rectangle

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



73, 79.064, 141.721



73, 79.064, 191.721



73, 79.064, 321.721



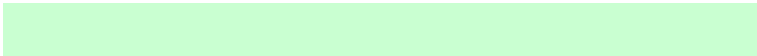
73, 79.064, 11.721

Sweetspot

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



73, 79.064, 141.721



95, 30.283, 147.310



79, 69.842, 110.652



50, 20.501, 147.078



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, 79.064, 141.721



88, 106.899, 139.460



74, 52.337, 162.940



42, 6.792, 148.202



59, 83.310, 137.695



12, 26.667, 145.481

Inverse Universe

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



52, 76.712, 333.111



60, 99.873, 334.111



49, 59.908, 2.596



40, 6.808, 329.295



38, 74.655, 335.066



5, 25.752, 332.976

Previews

White Background



This preview shows how the CIELCh color 73, 79.064, 141.721 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, 79.064, 141.721 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, 79.064, 141.721

Background



This preview shows how black text looks on a background with the CIELCh color 73, 79.064, 141.721.



This preview shows how white text looks on a background with the CIELCh color 73, 79.064, 141.721.

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, 79.064, 141.721

Protanopia
72, 54.075, 95.443

Deuteranopia
72, 46.564, 78.330



Tritanopia
73, 28.487, 215.429

Trichromacy



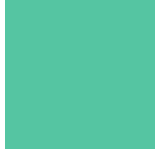
Original Color
73, 79.064, 141.721



Protanomaly
71, 58.823, 121.309



Deuteranomaly
71, 49.392, 115.777



Tritanomaly
73, 41.128, 168.735

Monochromacy



Original Color
73, 79.064, 141.721



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 32.038, 146.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 79.064, 141.721 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(62, 205, 83)` looks like.

```
.text, #text, p{  
    color:rgb(62, 205, 83)  
}
```

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(62, 205, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 205, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 79.064, 141.721 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(62, 205, 83) }
```

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

```
.border{ border-color:rgb(62, 205, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 205, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 205, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 205, 83);  
box-shadow:4px 4px 4px 4px rgb(62, 205,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 79.064, 141.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 205, 83) }
```

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

```
.background{ background-color: rgb(62, 205,  
83) }
```

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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