

Converting Colors

CIELCh(75, 104.286, 136.300)

Have a look what the booklet for
CIELCh(75, 104.286, 136.300)
contains.

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Color

CIELCh(75, 104.191, 136.284)

Conversions

Conversions Part 1

Format	Color
Hex	03D60A
RGB	3, 214, 10
RGB Percent	1%, 84%, 4%
CMY	0.9897, 0.1596, 0.9611
CMYK	0.99, 0.00, 0.95, 0.16
HSL	122°, 98%, 43%
HSV	122°, 99%, 84%
XYZ	24.2068, 48.2781, 8.3266
YIQ	127.6550, -60.2720, -108.1760

Conversions

Conversions Part 2

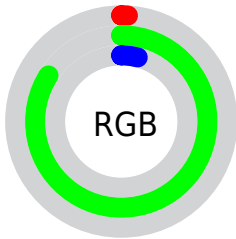
Format	Color
RYB	3, 207, 214
Decimal	251402
CIELab	75.00, -75.31, 72.00
CIELCh	75, 104.191, 136.284
Yxy	48.2781, 0.2995, 0.5974
Android (android.graphics.Color)	4278441482 (0xFF03D60A)
YUV	127.6550, -58.0039, -109.3224
Hunter-Lab	69.4824, -59.4070, 41.5326

Details

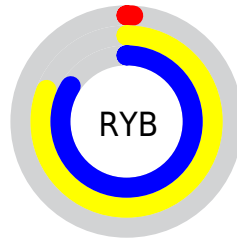
The CIELCh color **75, 104.191, 136.284** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **51, 98.440, 329.638**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 95.856, 136.151**, and **56, 83.367, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **75, 104.454, 136.248**, and if you desaturate by 10%, it is **75, 100.939, 136.884**.

Distribution



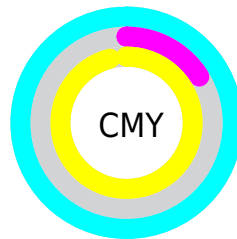
- Red (1%)
- Green (84%)
- Blue (4%)



- Red (1%)
- Yellow (81%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (95%)
- Black (16%)





- Cyan (99%)
- Magenta (16%)
- Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 104.191, 136.284 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 75, 104.191, 136.284 by changing the saturation by 10% instead.


 75, 104.191,
136.284


 75, 104.191,
136.284


 100, 104.191,
136.284


 65, 104.191,
136.284


 95, 104.191,
136.284

 55, 104.191,
136.284

 45, 104.191,
136.284

 35, 104.191,
136.284

 25, 104.191,
136.284

 15, 104.191,
136.284

 5, 104.191,

136.284

■ 0, 104.191,
136.284

■ 75, 104.191,
136.284

■ 75, 104.191,
136.284

■ 75, 104.454,
136.248

■ 75, 100.939,
136.884

■ 75, 95.069,
137.834

■ 76, 86.791,
138.984

■ 77, 76.573,
140.194

■ 78, 64.912,
141.360

■ 79, 52.258,
142.423

■ 80, 38.996,
143.361

■ 82, 25.438,
144.173

■ 84, 11.827,
144.876

Harmonies

Complementary

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



75, 104.191, 136.284



51, 98.440, 329.638

Rectangle

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



75, 104.191, 136.284



75, 104.191, 186.284



75, 104.191, 316.284



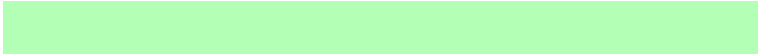
75, 104.191, 6.284

Sweetspot

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



75, 104.190, 136.285



94, 46.804, 143.226



83, 84.836, 104.933



49, 31.868, 142.834



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 104.190, 136.285



88, 119.236, 136.202



76, 75.228, 150.905



44, 7.654, 144.832



61, 88.066, 136.322



14, 31.610, 141.659

Inverse Universe

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



51, 98.440, 329.638



60, 112.437, 329.676



46, 73.856, 5.162



42, 7.667, 325.873



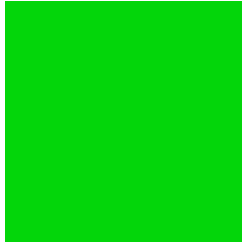
40, 83.344, 329.638



6, 32.143, 329.179

Previews

White Background



This preview shows how the CIE LCh color 75, 104.191, 136.284 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 75, 104.191, 136.284 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 75, 104.191, 136.284

Background



This preview shows how black text looks on a background with the CIELCh color 75, 104.191, 136.284.



This preview shows how white text looks on a background with the CIELCh color 75, 104.191, 136.284.

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

75, 104.065, 136.283

Protanopia

74, 76.295, 95.048

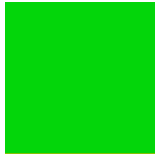
Deuteranopia

74, 68.477, 82.130



Tritanopia
75, 31.715, 213.274

Trichromacy



Original Color

75, 104.065, 136.283



Protanomaly

72, 83.338, 120.980



Deuteranomaly

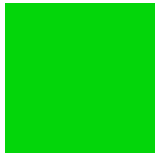
71, 74.618, 117.252



Tritanomaly

74, 57.509, 158.014

Monochromacy



Original Color

75, 104.065, 136.283



Achromatopsia

54, 0.007, 296.813



Achromatomaly

59, 50.509, 141.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 104.191, 136.284 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(3, 214, 10)` looks like.

```
.text, #text, p{  
    color:rgb(3, 214, 10)  
}
```

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(3, 214, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 214, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 104.191, 136.284 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(3, 214, 10) }
```

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

```
.border{ border-color:rgb(3, 214, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 214, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 214, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 214, 10);  
box-shadow:4px 4px 4px 4px rgb(3, 214, 10)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 75, 104.191, 136.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 214, 10) }
```

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

```
.background{ background-color: rgb(3, 214,  
10) }
```

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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