

Converting Colors

CIELCh(73, 99.180, 137.630)

Have a look what the booklet for
CIELCh(73, 99.180, 137.630)
contains.

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Color

CIELCh(73, 99.107, 137.496)

Conversions

Conversions Part 1

Format	Color
Hex	00D01F
RGB	0, 208, 31
RGB Percent	0%, 82%, 12%
CMY	1.0000, 0.1846, 0.8789
CMYK	1.00, 0.00, 0.85, 0.18
HSL	129°, 100%, 41%
HSV	129°, 100%, 82%
XYZ	22.7745, 45.1644, 8.8050
YIQ	125.6300, -67.1510, -99.1430

Conversions

Conversions Part 2

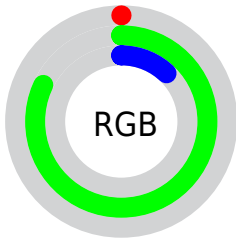
Format	Color
RYB	0, 181, 208
Decimal	53279
CIELab	73.00, -73.06, 66.96
CIELCh	73, 99.107, 137.496
Yxy	45.1644, 0.2968, 0.5885
Android (android.graphics.Color)	4278243359 (0xFF00D01F)
YUV	125.6300, -46.6526, -110.1775
Hunter-Lab	67.2044, -57.1171, 39.2750

Details

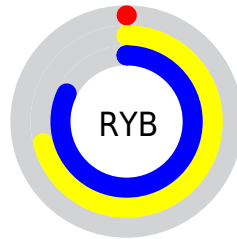
The CIELCh color **73, 99.107, 137.496** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **48, 88.135, 335.248**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.636, 137.550**, and **55, 81.411, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 99.095, 137.489**, and if you desaturate by 10%, it is **73, 94.567, 138.756**.

Distribution



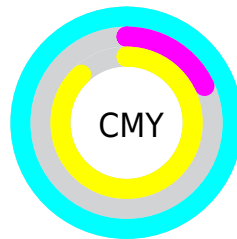
- Red (0%)
- Green (82%)
- Blue (12%)



- Red (0%)
- Yellow (71%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 99.107, 137.496 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, 99.107, 137.496 by changing the saturation by 10% instead.

 73, 99.107,
137.496

 73, 99.107,
137.496

 100, 99.107,
137.496

 63, 99.107,
137.496


 93, 99.107,
137.496

 53, 99.107,
137.496

 43, 99.107,
137.496

 33, 99.107,
137.496

 23, 99.107,
137.496

 13, 99.107,
137.496

 3, 99.107, 137.496

■ 0, 99.107, 137.496

■ 73, 99.107,
137.496

■ 73, 99.107,
137.496

■ 73, 99.095,
137.489

■ 73, 94.567,
138.756

■ 74, 88.182,
140.229

■ 74, 80.087,
141.723

■ 75, 70.575,
143.145

■ 76, 59.957,
144.439

■ 77, 48.541,
145.584

■ 78, 36.611,
146.581

■ 80, 24.415,
147.442

■ 81, 12.156,
148.190

Harmonies

Complementary

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



73, 99.107, 137.496



48, 88.135, 335.248

Rectangle

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



73, 99.107, 137.496



73, 99.107, 187.496



73, 99.107, 317.496



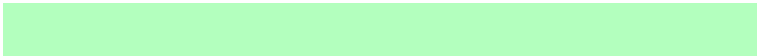
73, 99.107, 7.496

Sweetspot

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



73, 99.095, 137.489



94, 43.203, 146.548



79, 84.122, 110.990



49, 29.423, 146.139



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, 99.095, 137.489



88, 116.015, 137.334



74, 65.978, 156.758



43, 6.926, 148.231



60, 84.255, 137.694



13, 28.319, 144.593

Inverse Universe

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



48, 88.135, 335.248



58, 102.661, 335.346



44, 73.379, 15.366



41, 6.944, 329.329



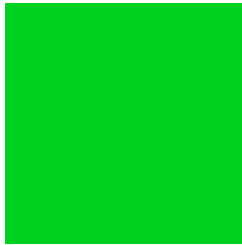
38, 75.435, 335.128



5, 27.748, 333.325

Previews

White Background



This preview shows how the CIELCh color 73, 99.107, 137.496 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, 99.107, 137.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

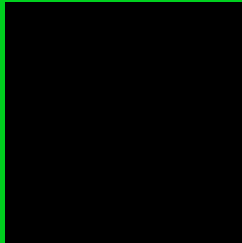
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

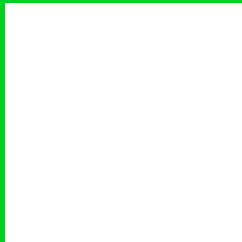
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 99.107, 137.496

Background



This preview shows how black text looks on a background with the CIELCh color 73, 99.107, 137.496.



This preview shows how white text looks on a background with the CIELCh color 73, 99.107, 137.496.

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, 99.107, 137.496

Protanopia
72, 71.799, 95.173

Deuteranopia
72, 63.973, 81.664



Tritanopia
73, 31.027, 213.741

Trichromacy



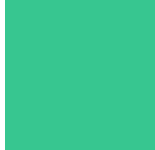
Original Color
73, 99.107, 137.496



Protanomaly
70, 79.121, 122.222



Deuteranomaly
69, 69.093, 118.391



Tritanomaly
72, 52.758, 161.845

Monochromacy



Original Color
73, 99.107, 137.496



Achromatopsia
53, 0.007, 296.813



Achromatomaly
58, 46.513, 144.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 99.107, 137.496 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(0, 208, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 31)  
}
```

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(0, 208, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 99.107, 137.496 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(0, 208, 31) }
```

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

```
.border{ border-color:rgb(0, 208, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 208, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 31);  
box-shadow:4px 4px 4px 4px rgb(0, 208, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 73, 99.107, 137.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 31) }
```

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

```
.background{ background-color: rgb(0, 208,  
31) }
```

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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