

Converting Colors

CIELCh(65, 91.327, 137.091)

Have a look what the booklet for
CIELCh(65, 91.327, 137.091)
contains.

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Color

CIELCh(65, 91.087, 137.032)

Conversions

Conversions Part 1

Format	Color
Hex	01B714
RGB	1, 183, 20
RGB Percent	0%, 72%, 8%
CMY	0.9948, 0.2812, 0.9196
CMYK	0.99, 0.00, 0.89, 0.28
HSL	126°, 99%, 36%
HSV	126°, 99%, 72%
XYZ	17.1404, 34.0472, 6.3529
YIQ	110.0000, -56.1490, -89.2770

Conversions

Conversions Part 2

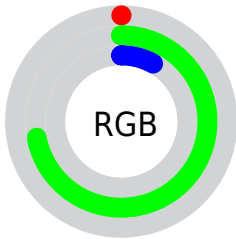
Format	Color
R_{YB}	1, 166, 183
Decimal	112404
CIE _{Lab}	65.00, -66.65, 62.08
CIE _{LCh}	65, 91.087, 137.032
Yxy	34.0472, 0.2979, 0.5917
Android (android.graphics.Color)	4278302484 (0xFF01B714)
YUV	110.0000, -44.3700, -95.5930
Hunter-Lab	58.3500, -49.6777, 34.3897

Details

The CIELCh color **65, 91.087, 137.032** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **42, 82.941, 332.886**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **85, 90.821, 137.015**, and **46, 71.852, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **65, 91.309, 136.980**, and if you desaturate by 10%, it is **65, 87.162, 138.078**.

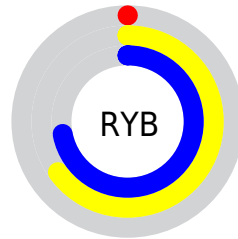
Distribution



Red (0%)

Green (72%)

Blue (8%)



Red (0%)

Yellow (65%)

Blue (72%)

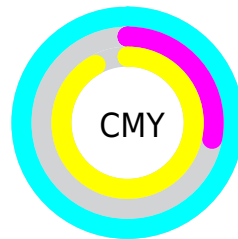


Cyan (99%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (99%)


Magenta (28%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 91.087, 137.032 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 65, 91.087, 137.032 by changing the saturation by 10% instead.


 65, 91.087,
137.032


 65, 91.087,
137.032


 100, 91.087,
137.032


 55, 91.087,
137.032


 85, 91.087,
137.032

 45, 91.087,
137.032

 95, 91.087,
137.032

 35, 91.087,
137.032

 25, 91.087,
137.032

 15, 91.087,
137.032

 5, 91.087, 137.032

 0, 91.087, 137.032

■ 65, 91.087,
137.032

■ 65, 91.087,
137.032

■ 65, 91.309,
136.980

■ 65, 87.162,
138.078

■ 65, 81.364,
139.375

■ 66, 73.868,
140.742

■ 67, 64.993,
142.072

■ 67, 55.066,
143.300

■ 69, 44.398,
144.395

■ 70, 33.263,
145.352

■ 71, 21.897,

146.179

■ 73, 10.487,
146.897

Harmonies

Complementary

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



65, 91.087, 137.032



42, 82.941, 332.886

Rectangle

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



65, 91.087, 137.032



65, 91.087, 187.032



65, 91.087, 317.032



65, 91.087, 7.032

Sweetspot

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



65, 91.087, 137.033



88, 42.011, 145.243



71, 76.009, 108.939



46, 28.845, 144.850



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 91.087, 137.033



82, 111.220, 136.807



66, 61.981, 154.943



38, 6.415, 146.893



56, 80.602, 137.126



8, 17.920, 146.588

Inverse Universe

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



42, 82.941, 332.886



55, 100.587, 333.008



39, 66.001, 11.298



36, 6.428, 327.944



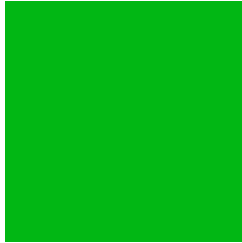
36, 73.635, 332.856



3, 16.902, 329.177

Previews

White Background



This preview shows how the CIELCh color 65, 91.087, 137.032 looks on a white background.

Color Contrast Check

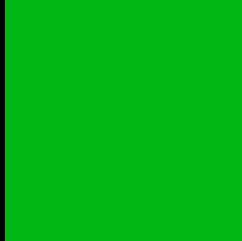
Large Text (above 18pt) WCAG AA × Fail

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 65, 91.087, 137.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

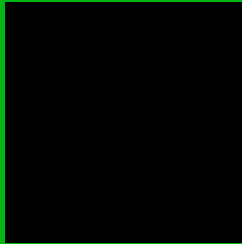
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 91.087, 137.032

Background



This preview shows how black text looks on a background with the CIELCh color 65, 91.087, 137.032.



This preview shows how white text looks on a background with the CIELCh color 65, 91.087, 137.032.

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
65, 91.057, 137.009

Protanopia
65, 66.912, 95.026

Deuteranopia
65, 59.227, 81.937



Tritanopia
65, 27.999, 213.631

Trichromacy



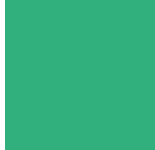
Original Color
65, 91.057, 137.009



Protanomaly
63, 73.301, 121.415



Deuteranomaly
62, 64.024, 117.457



Tritanomaly
64, 48.642, 160.788

Monochromacy



Original Color
65, 91.057, 137.009



Achromatopsia
46, 0.006, 296.813



Achromatomaly
52, 43.213, 143.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 91.087, 137.032 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(1, 183, 20)` looks like.

```
.text, #text, p{  
    color:rgb(1, 183, 20)  
}
```

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(1, 183, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 183, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 91.087, 137.032 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(1, 183, 20) }
```

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

```
.border{ border-color:rgb(1, 183, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 183, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 183, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 183, 20);  
box-shadow:4px 4px 4px 4px rgb(1, 183, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 65, 91.087, 137.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 183, 20) }
```

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

```
.background{ background-color: rgb(1, 183,  
20) }
```

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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