

Converting Colors

CIELCh(65, 92.346, 136.565)

Have a look what the booklet for
CIELCh(65, 92.346, 136.565)
contains.

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Color

CIELCh(65, 92.144, 136.555)

Conversions

Conversions Part 1

Format	Color
Hex	02B70D
RGB	2, 183, 13
RGB Percent	1%, 72%, 5%
CMY	0.9938, 0.2810, 0.9499
CMYK	0.99, 0.00, 0.93, 0.28
HSL	124°, 98%, 36%
HSV	124°, 99%, 72%
XYZ	17.0953, 34.0472, 6.0437
YIQ	109.5010, -53.3060, -91.2420

Conversions

Conversions Part 2

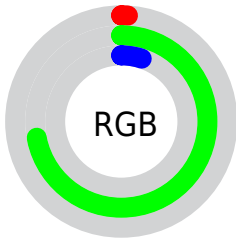
Format	Color
R_YB	2, 173, 183
Decimal	177933
CIE Lab	65.00, -66.90, 63.36
CIE LCh	65, 92.144, 136.555
Yxy	34.0472, 0.2989, 0.5954
Android (android.graphics.Color)	4278368013 (0xFF02B70D)
YUV	109.5010, -47.5750, -94.2784
Hunter-Lab	58.3500, -49.8158, 34.7039

Details

The CIELCh color **65, 92.144, 136.555** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **43, 85.815, 330.817**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **85, 91.811, 136.602**, and **46, 71.852, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **65, 92.354, 136.519**, and if you desaturate by 10%, it is **65, 88.734, 137.332**.

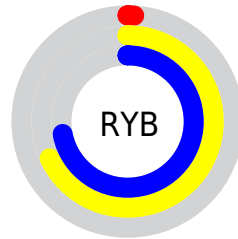
Distribution



Red (1%)

Green (72%)

Blue (5%)



Red (1%)

Yellow (68%)

Blue (72%)

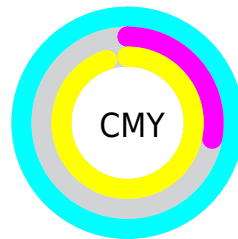


Cyan (99%)

Magenta (0%)

Yellow (93%)

Black (28%)



Cyan (99%)


Magenta (28%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 92.144, 136.555 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, 92.144, 136.555 by changing the saturation by 10% instead.


 65, 92.144,
136.555


 65, 92.144,
136.555


 100, 92.144,
136.555


 55, 92.144,
136.555


 85, 92.144,
136.555

 45, 92.144,
136.555

 95, 92.144,
136.555

 35, 92.144,
136.555

 25, 92.144,
136.555

 15, 92.144,
136.555

 5, 92.144, 136.555

 0, 92.144, 136.555

■ 65, 92.144,
136.555

■ 65, 92.144,
136.555

■ 65, 92.354,
136.519

■ 65, 88.734,
137.332

■ 65, 83.210,
138.428

■ 66, 75.759,
139.664

■ 67, 66.756,
140.916

■ 67, 56.590,
142.098

■ 69, 45.616,
143.166

■ 70, 34.140,
144.104

■ 71, 22.417,

144.917

■ 73, 10.650,
145.621

Harmonies

Complementary

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



65, 92.144, 136.555



43, 85.815, 330.817

Rectangle

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



65, 92.144, 136.555



65, 92.144, 186.555



65, 92.144, 316.555



65, 92.144, 6.555

Sweetspot

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



65, 92.143, 136.556



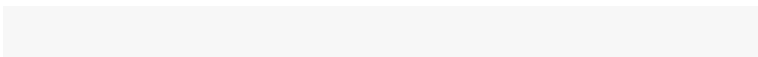
88, 43.315, 143.985



72, 75.609, 105.932



46, 29.737, 143.599



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, 92.143, 136.556



82, 112.334, 136.396



66, 65.542, 151.999



38, 6.614, 145.607



56, 81.581, 136.627



8, 18.320, 145.670

Inverse Universe

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



43, 85.815, 330.817



55, 104.153, 330.889



39, 65.734, 6.407



36, 6.626, 326.636



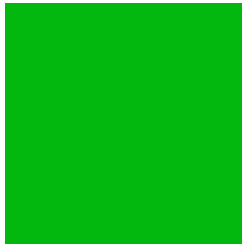
36, 76.170, 330.808



3, 17.681, 327.186

Previews

White Background



This preview shows how the CIELCh color 65, 92.144, 136.555 looks on a white background.

Color Contrast Check

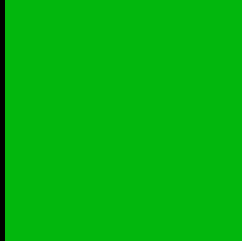
Large Text (above 18pt) WCAG AA × Fail

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, 92.144, 136.555 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, 92.144, 136.555

Background



This preview shows how black text looks on a background with the CIELCh color 65, 92.144, 136.555.



This preview shows how white text looks on a background with the CIELCh color 65, 92.144, 136.555.

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, 91.971, 136.560

Deuteranopia

65, 60.274, 82.186

Tritanopia

65, 27.999, 213.631

Trichromacy



Original Color
65, 91.971, 136.560



Deuteranomaly
62, 65.174, 117.111



Tritanomaly
64, 49.665, 159.255

Monochromacy



Original Color
65, 91.971, 136.560



Achromatopsia
46, 0.006, 296.813



Achromatomaly
52, 43.906, 142.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 92.144, 136.555 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(2, 183, 13)` looks like.

```
.text, #text, p{  
    color:rgb(2, 183, 13)  
}
```

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(2, 183, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 183, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 92.144, 136.555 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(2, 183, 13) }
```

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

```
.border{ border-color:rgb(2, 183, 13) }
```

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

Here you see how a box with a 4 pixel rgb(2, 183, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 183, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 183, 13);  
box-shadow:4px 4px 4px 4px rgb(2, 183, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 65, 92.144, 136.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 183, 13) }
```

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

```
.background{ background-color: rgb(2, 183,  
13) }
```

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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