

Converting Colors

CIELCh(64, 90.735, 135.280)

Have a look what the booklet for
CIELCh(64, 90.735, 135.280)
contains.

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Color

CIELCh(64, 90.836, 135.297)

Conversions

Conversions Part 1

Format	Color
Hex	1BB403
RGB	27, 180, 3
RGB Percent	11%, 71%, 1%
CMY	0.8958, 0.2948, 0.9899
CMYK	0.85, 0.00, 0.99, 0.29
HSL	112°, 97%, 36%
HSV	112°, 99%, 71%
XYZ	16.7392, 32.8017, 5.5229
YIQ	114.0750, -34.3710, -87.4830

Conversions

Conversions Part 2

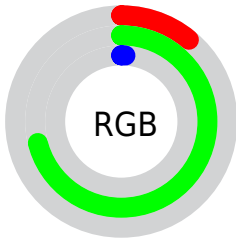
Format	Color
RYB	3, 180, 156
Decimal	1815555
CIELab	64.00, -64.56, 63.90
CIELCh	64, 90.836, 135.297
Yxy	32.8017, 0.3040, 0.5957
Android (android.graphics.Color)	4280005635 (0xFF1BB403)
YUV	114.0750, -54.7600, -76.3648
Hunter-Lab	57.2727, -48.0569, 34.3735

Details

The CIELCh color **64, 90.836, 135.297** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **39, 89.492, 323.087**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **84, 90.827, 135.312**, and **45, 70.635, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **64, 91.238, 135.285**, and if you desaturate by 10%, it is **64, 87.490, 135.270**.

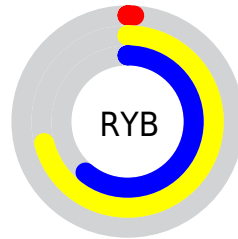
Distribution



Red (11%)

Green (71%)

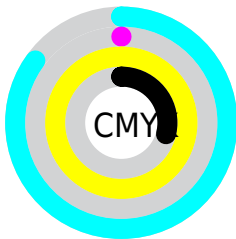
Blue (1%)



Red (1%)

Yellow (71%)

Blue (61%)

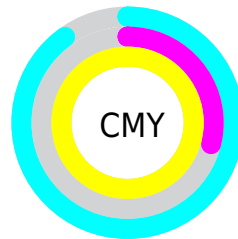


Cyan (85%)

Magenta (0%)

Yellow (99%)

Black (29%)



Cyan (90%)

Magenta (29%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 90.836, 135.297 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 64, 90.836, 135.297 by changing the saturation by 10% instead.

 64, 90.836,
135.297

 64, 90.836,
135.297

 100, 90.836,
135.297


 54, 90.836,
135.297


 84, 90.836,
135.297

 44, 90.836,
135.297

 94, 90.836,
135.297

 34, 90.836,
135.297

 24, 90.836,
135.297

 14, 90.836,
135.297

 4, 90.836, 135.297

 0, 90.836, 135.297

■ 64, 90.836,
135.297

■ 64, 90.836,
135.297

■ 64, 91.238,
135.285

■ 64, 87.490,
135.270

■ 65, 82.002,
135.543

■ 65, 74.475,
136.109

■ 66, 65.376,
136.841

■ 67, 55.171,
137.629

■ 68, 44.246,
138.398

■ 69, 32.902,
139.109

■ 70, 21.366,

139.748

■ 72, 9.809, 140.315

Harmonies

Complementary

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



64, 90.836, 135.297



39, 89.492, 323.087

Rectangle

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



64, 90.836, 135.297



64, 90.836, 185.297



64, 90.836, 315.297



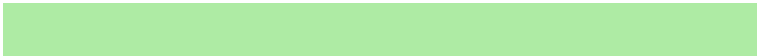
64, 90.836, 5.297

Sweetspot

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



64, 90.835, 135.298



87, 42.881, 138.976



64, 67.153, 92.264



46, 29.191, 138.683



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



64, 90.835, 135.298



82, 111.514, 135.401



64, 77.849, 143.096



37, 6.453, 140.274



55, 80.891, 135.192



7, 15.730, 141.589

Inverse Universe

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



39, 89.492, 323.087



50, 109.664, 322.960



40, 68.853, 348.350



35, 6.479, 321.120



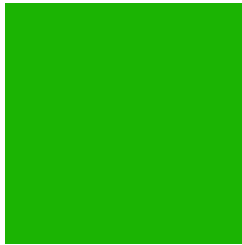
32, 79.736, 323.109



2, 15.299, 318.903

Previews

White Background



This preview shows how the CIELCh color 64, 90.836, 135.297 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 64, 90.836, 135.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

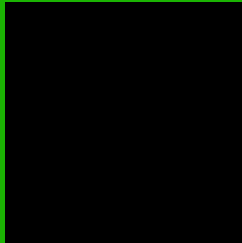
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 90.836, 135.297

Background



This preview shows how black text looks on a background with the CIELCh color 64, 90.836, 135.297.



This preview shows how white text looks on a background with the CIELCh color 64, 90.836, 135.297.

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

64, 90.836, 135.297

Protanopia

63, 67.198, 94.897

Deuteranopia

63, 59.697, 82.312



Tritanopia
64, 26.968, 214.383

Trichromacy



Original Color
64, 90.836, 135.297



Protanomaly
62, 72.173, 117.996



Deuteranomaly
61, 64.534, 113.694



Tritanomaly
63, 48.940, 156.193

Monochromacy



Original Color
64, 90.836, 135.297



Achromatopsia
48, 0.006, 296.813



Achromatomaly
52, 43.204, 137.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 90.836, 135.297 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(27, 180, 3)` looks like.

```
.text, #text, p{  
    color:rgb(27, 180, 3)  
}
```

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(27, 180, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 180, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 90.836, 135.297 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(27, 180, 3) }
```

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

```
.border{ border-color:rgb(27, 180, 3) }
```

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

Here you see how a box with a 4 pixel rgb(27, 180, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 180, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 180, 3);  
box-shadow:4px 4px 4px 4px rgb(27, 180, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 64, 90.836, 135.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 180, 3) }
```

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

```
.background{ background-color: rgb(27, 180,  
3) }
```

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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