

Converting Colors

CIELCh(65, 86.544, 137.995)

Have a look what the booklet for
CIELCh(65, 86.544, 137.995)
contains.

CIELCh(65, 86.788, 137.920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 86.788, 137.920)

Conversions

Conversions Part 1

Format	Color
Hex	17B725
RGB	23, 183, 37
RGB Percent	9%, 72%, 15%
CMY	0.9092, 0.2836, 0.8564
CMYK	0.87, 0.00, 0.80, 0.28
HSL	125°, 78%, 40%
HSV	125°, 87%, 72%
XYZ	17.5508, 34.0472, 7.3659
YIQ	118.5160, -48.4940, -79.3260

Conversions

Conversions Part 2

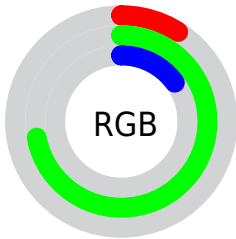
Format	Color
RYB	23, 170, 183
Decimal	1554213
CIELab	65.00, -64.41, 58.16
CIELCh	65, 86.788, 137.920
Yxy	34.0472, 0.2977, 0.5774
Android (android.graphics.Color)	4279744293 (0xFF17B725)
YUV	118.5160, -40.1874, -83.7675
Hunter-Lab	58.3500, -48.4224, 33.3604

Details

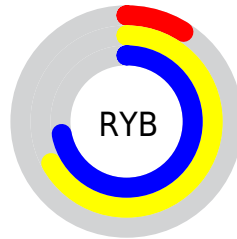
The CIELCh color **65, 86.788, 137.920** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **44, 81.820, 331.393**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 86.659, 137.893**, and **46, 71.852, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **65, 90.827, 136.916**, and if you desaturate by 10%, it is **65, 80.759, 139.155**.

Distribution



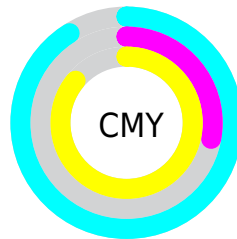
- Red (9%)
- Green (72%)
- Blue (15%)



- Red (9%)
- Yellow (67%)
- Blue (72%)



- Cyan (87%)
- Magenta (0%)
- Yellow (80%)
- Black (28%)





- Cyan (91%)
- Magenta (28%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 86.788, 137.920 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, 86.788, 137.920 by changing the saturation by 10% instead.


 65, 86.788,
137.920


 65, 86.788,
137.920


 100, 86.788,
137.920


 55, 86.788,
137.920


 85, 86.788,
137.920

 45, 86.788,
137.920

 95, 86.788,
137.920

 35, 86.788,
137.920

 25, 86.788,
137.920

 15, 86.788,
137.920

 5, 86.788, 137.920

 0, 86.788, 137.920

■ 65, 86.788,
137.920

■ 65, 86.788,
137.920

■ 65, 90.827,
136.916

■ 65, 80.759,
139.155

■ 65, 91.607,
136.742

■ 66, 72.993,
140.467

■ 67, 63.843,
141.749

■ 67, 53.658,
142.934

■ 69, 42.761,
143.990

■ 70, 31.434,
144.913

■ 71, 19.910,
145.710

■ 73, 8.373, 146.405

Harmonies

Complementary

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



65, 86.788, 137.920



44, 81.820, 331.393

Rectangle

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



65, 86.788, 137.920



65, 86.788, 187.920



65, 86.788, 317.920



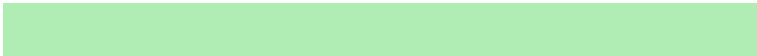
65, 86.788, 7.920

Sweetspot

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



65, 86.788, 137.921



89, 36.976, 144.989



71, 72.642, 107.780



47, 25.253, 144.690



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, 86.788, 137.921



82, 111.806, 136.590



66, 58.511, 156.537



38, 6.509, 146.271



56, 81.106, 136.867



8, 18.110, 146.146

Inverse Universe

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



44, 81.820, 331.393



55, 102.268, 331.973



40, 62.973, 4.349



36, 6.522, 327.311



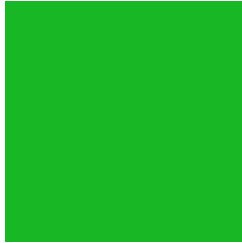
36, 74.830, 331.856



3, 17.269, 328.201

Previews

White Background



This preview shows how the CIE LCh color 65, 86.788, 137.920 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, 86.788, 137.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

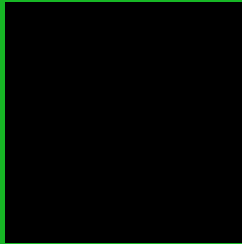
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 86.788, 137.920

Background



This preview shows how black text looks on a background with the CIELCh color 65, 86.788, 137.920.

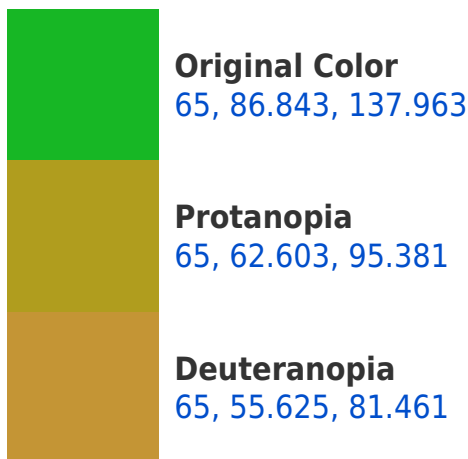



This preview shows how white text looks on a background with the CIELCh color 65, 86.788, 137.920.

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





Tritanopia
65, 27.809, 213.759

Trichromacy



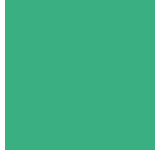
Original Color
65, 86.843, 137.963



Protanomaly
63, 67.972, 120.415



Deuteranomaly
62, 59.257, 115.990



Tritanomaly
64, 45.467, 162.438

Monochromacy



Original Color
65, 86.843, 137.963



Achromatopsia
50, 0.007, 296.813



Achromatomaly
54, 38.424, 143.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 86.788, 137.920 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(23, 183, 37)` looks like.

```
.text, #text, p{  
    color:rgb(23, 183, 37)  
}
```

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(23, 183, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 183, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 86.788, 137.920 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(23, 183, 37) }
```

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

```
.border{ border-color:rgb(23, 183, 37) }
```

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

Here you see how a box with a 4 pixel rgb(23, 183, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 183, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 183, 37);  
box-shadow:4px 4px 4px 4px rgb(23, 183,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 86.788, 137.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 183, 37) }
```

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

```
.background{ background-color: rgb(23, 183,  
37) }
```

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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