

Converting Colors

CIELCh(50, 62.114, 141.542)

Have a look what the booklet for
CIELCh(50, 62.114, 141.542)
contains.

CIELCh(50, 61.767, 141.627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(50, 61.767, 141.627)

Conversions

Conversions Part 1

Format	Color
Hex	1C8930
RGB	28, 137, 48
RGB Percent	11%, 54%, 19%
CMY	0.8888, 0.4619, 0.8110
CMYK	0.79, 0.00, 0.65, 0.46
HSL	131°, 66%, 32%
HSV	131°, 79%, 54%
XYZ	10.0020, 18.4187, 5.8457
YIQ	94.2630, -36.3950, -50.7870

Conversions

Conversions Part 2

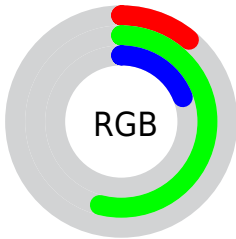
Format	Color
R_{YB}	28, 120, 137
Decimal	1870128
CIE _{Lab}	50.00, -48.42, 38.34
CIE _{LCh}	50, 61.767, 141.627
Yxy	18.4187, 0.2919, 0.5375
Android (android.graphics.Color)	4280060208 (0xFF1C8930)
YUV	94.2630, -22.8077, -58.1127
Hunter-Lab	42.9170, -33.5045, 21.9660

Details

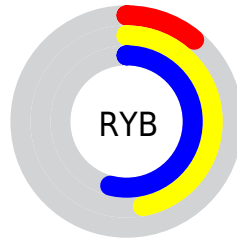
The CIELCh color **50, 61.767, 141.627** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **33, 58.934, 335.127**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 61.463, 141.746**, and **31, 54.279, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **50, 66.792, 140.077**, and if you desaturate by 10%, it is **50, 55.723, 143.127**.

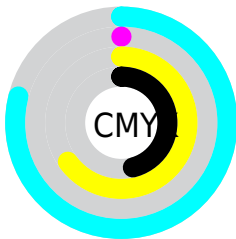
Distribution



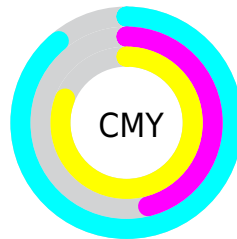
- Red (11%)
- Green (54%)
- Blue (19%)



- Red (11%)
- Yellow (47%)
- Blue (54%)



- Cyan (79%)
- Magenta (0%)
- Yellow (65%)
- Black (46%)





- Cyan (89%)
- Magenta (46%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 61.767, 141.627 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 50, 61.767, 141.627 by changing the saturation by 10% instead.


 50, 61.767,
141.627


 50, 61.767,
141.627


 100, 61.767,
141.627


 40, 61.767,
141.627


 70, 61.767,
141.627

 30, 61.767,
141.627


 80, 61.767,
141.627


 20, 61.767,
141.627

 90, 61.767,
141.627

 10, 61.767,
141.627

 0, 61.767, 141.627

 50, 61.767,
141.627

 50, 61.767,
141.627

■ 50, 66.792,
140.077

■ 50, 55.723,
143.127

■ 50, 70.763,
138.677

■ 51, 48.832,
144.515

■ 50, 70.997,
138.603

■ 52, 41.277,
145.760

■ 53, 33.243,
146.857

■ 53, 24.905,
147.812

■ 55, 16.412,
148.642

■ 56, 7.890, 149.369

■ 57, 0.561, 329.547

■ 59, 8.871, 330.466

Harmonies

Complementary

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



50, 61.767, 141.627



33, 58.934, 335.127

Rectangle

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



50, 61.767, 141.627



50, 61.767, 191.627



50, 61.767, 321.627



50, 61.767, 11.627

Sweetspot

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



50, 61.767, 141.627



69, 25.264, 148.226



54, 55.773, 112.157



35, 17.286, 147.963



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



50, 61.767, 141.627



64, 84.779, 138.905



51, 40.231, 163.927



28, 4.781, 149.382



48, 69.168, 138.658



1, 2.211, 149.922

Inverse Universe

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



33, 58.934, 335.127



41, 76.247, 336.608



31, 47.614, 7.617



27, 4.795, 330.431



30, 61.937, 336.812



0, 2.212, 329.916

Previews

White Background



This preview shows how the CIELCh color 50, 61.767, 141.627 looks on a white 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 × Fail

Black Background



This preview shows how the CIELCh color 50, 61.767, 141.627 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 × Fail

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

CIELCh 50, 61.767, 141.627

Background



This preview shows how black text looks on a background with the CIELCh color 50, 61.767, 141.627.



This preview shows how white text looks on a background with the CIELCh color 50, 61.767, 141.627.

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
50, 61.767, 141.627

Protanopia
50, 42.046, 95.423

Deuteranopia
50, 36.609, 80.190



Tritanopia
50, 21.781, 214.792

Trichromacy



Original Color
50, 61.767, 141.627



Protanomaly
49, 46.024, 122.181



Deuteranomaly
48, 39.510, 117.765



Tritanomaly
49, 31.814, 168.727

Monochromacy



Original Color
50, 61.767, 141.627



Achromatopsia
40, 0.006, 296.813



Achromatomaly
43, 25.112, 147.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 61.767, 141.627 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(28, 137, 48)` looks like.

```
.text, #text, p{  
    color:rgb(28, 137, 48)  
}
```

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(28, 137, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 137, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 61.767, 141.627 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(28, 137, 48) }
```

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

```
.border{ border-color:rgb(28, 137, 48) }
```

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

Here you see how a box with a 4 pixel rgb(28, 137, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 137, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 137, 48);  
box-shadow:4px 4px 4px 4px rgb(28, 137,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 61.767, 141.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 137, 48) }
```

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

```
.background{ background-color: rgb(28, 137,  
48) }
```

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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