

Converting Colors

CIELCh(65, 62.607, 136.990)

Have a look what the booklet for
CIELCh(65, 62.607, 136.990)
contains.

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Color

CIELCh(65, 62.636, 137.124)

Conversions

Conversions Part 1

Format	Color
Hex	5AB14D
RGB	90, 177, 77
RGB Percent	35%, 69%, 30%
CMY	0.6480, 0.3068, 0.6989
CMYK	0.49, 0.00, 0.57, 0.31
HSL	112°, 39%, 50%
HSV	112°, 57%, 69%
XYZ	21.2018, 34.0472, 12.4360
YIQ	139.5870, -19.7520, -49.5440

Conversions

Conversions Part 2

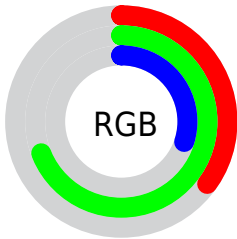
Format	Color
RYB	77, 177, 164
Decimal	5943629
CIELab	65.00, -45.90, 42.62
CIELCh	65, 62.636, 137.124
Yxy	34.0472, 0.3132, 0.5030
Android (android.graphics.Color)	4284133709 (0xFF5AB14D)
YUV	139.5870, -30.8554, -43.4878
Hunter-Lab	58.3500, -37.2534, 28.2087

Details

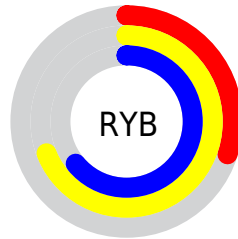
The CIELCh color **65, 62.636, 137.124** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **47, 63.144, 323.283**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 62.306, 137.182**, and **45, 62.223, 137.167** is the 20% darker color. If you saturate the color by 10%, you get **64, 71.875, 136.360**, and if you desaturate by 10%, it is **66, 52.388, 137.923**.

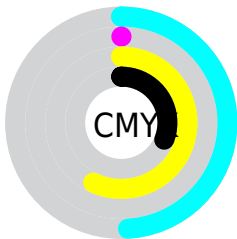
Distribution



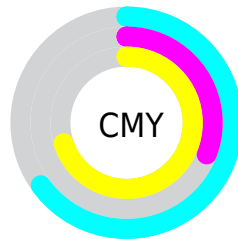
- Red (35%)
- Green (69%)
- Blue (30%)



- Red (30%)
- Yellow (69%)
- Blue (64%)



- Cyan (49%)
- Magenta (0%)
- Yellow (57%)
- Black (31%)





- Cyan (65%)
- Magenta (31%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 62.636, 137.124 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, 62.636, 137.124 by changing the saturation by 10% instead.


 65, 62.636,
137.124


 65, 62.636,
137.124


 100, 62.636,
137.124


 55, 62.636,
137.124


 85, 62.636,
137.124

 45, 62.636,
137.124

 95, 62.636,
137.124

 35, 62.636,
137.124

 25, 62.636,
137.124

 15, 62.636,
137.124

 5, 62.636, 137.124

 0, 62.636, 137.124

65, 62.636,
137.124

65, 62.636,
137.124

64, 71.875,
136.360

66, 52.388,
137.923

64, 79.658,
135.733

67, 41.492,
138.690

63, 85.512,
135.370

68, 30.232,
139.393

63, 89.162,
135.349

70, 18.820,
140.021

63, 90.132,
135.321

71, 7.414, 140.581

73, 3.870, 320.968

74, 14.953,
321.408

76, 25.782,
321.756

■ 78, 36.323,
322.048

Harmonies

Complementary

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



65, 62.636, 137.124



47, 63.144, 323.283

Rectangle

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



65, 62.636, 137.124



65, 62.636, 187.124



65, 62.636, 317.124



65, 62.636, 7.124

Sweetspot

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



65, 62.637, 137.125



88, 23.894, 139.977



67, 46.431, 97.936



46, 15.974, 139.860



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 62.637, 137.125



81, 90.031, 136.179



65, 49.772, 151.371



37, 6.464, 140.430



55, 80.942, 135.240



7, 15.751, 141.709

Inverse Universe

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



47, 63.144, 323.283



56, 90.303, 323.564



48, 50.533, 342.148



35, 6.490, 321.281



32, 79.687, 323.310



2, 15.333, 319.128

Previews

White Background



This preview shows how the CIE LCh color 65, 62.636, 137.124 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 CIE LCh color 65, 62.636, 137.124 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, 62.636, 137.124

Background



This preview shows how black text looks on a background with the CIELCh color 65, 62.636, 137.124.

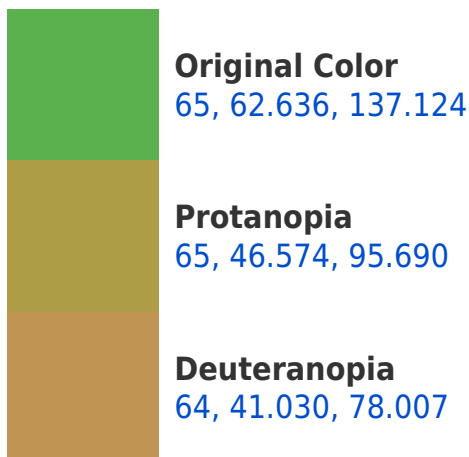



This preview shows how white text looks on a background with the CIELCh color 65, 62.636, 137.124.

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, 19.490, 219.955

Trichromacy



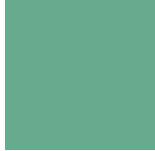
Original Color
65, 62.636, 137.124



Protanomaly
64, 48.955, 115.801



Deuteranomaly
64, 41.936, 108.010



Tritanomaly
65, 28.902, 164.376

Monochromacy



Original Color
65, 62.636, 137.124



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 24.425, 139.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 62.636, 137.124 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(90, 177, 77)` looks like.

```
.text, #text, p{  
    color:rgb(90, 177, 77)  
}
```

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(90, 177, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 177, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 62.636, 137.124 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(90, 177, 77) }
```

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

```
.border{ border-color:rgb(90, 177, 77) }
```

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

Here you see how a box with a 4 pixel rgb(90, 177, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 177, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 177, 77);  
box-shadow:4px 4px 4px 4px rgb(90, 177,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 62.636, 137.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 177, 77) }
```

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

```
.background{ background-color: rgb(90, 177,  
77) }
```

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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