

Converting Colors

CIELCh(65, 37.278, 147.687)

Have a look what the booklet for
CIELCh(65, 37.278, 147.687)
contains.

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Color

CIELCh(65, 37.278, 147.687)

Conversions

Conversions Part 1

Format	Color
Hex	6CAC79
RGB	108, 172, 121
RGB Percent	42%, 67%, 47%
CMY	0.5767, 0.3257, 0.5257
CMYK	0.37, 0.00, 0.30, 0.33
HSL	132°, 28%, 55%
HSV	132°, 37%, 67%
XYZ	24.3671, 34.0472, 23.3594
YIQ	147.0500, -21.7730, -29.4290

Conversions

Conversions Part 2

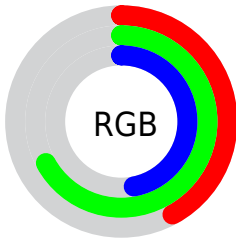
Format	Color
RYB	108, 161, 172
Decimal	7122041
CIELab	65.00, -31.51, 19.93
CIELCh	65, 37.278, 147.687
Yxy	34.0472, 0.2980, 0.4164
Android (android.graphics.Color)	4285312121 (0xFF6CAC79)
YUV	147.0500, -12.8427, -34.2469
Hunter-Lab	58.3500, -27.5703, 17.1092

Details

The CIELCh color **65, 37.278, 147.687** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **54, 37.418, 333.035**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 37.174, 147.731**, and **45, 37.208, 147.815** is the 20% darker color. If you saturate the color by 10%, you get **64, 46.850, 146.578**, and if you desaturate by 10%, it is **66, 27.369, 148.649**.

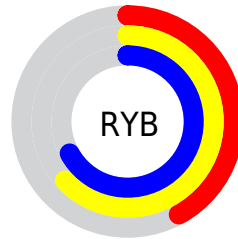
Distribution



Red (42%)

Green (67%)

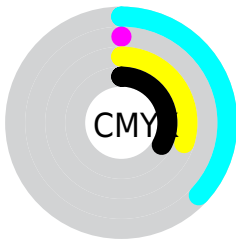
Blue (47%)



Red (42%)

Yellow (63%)

Blue (67%)

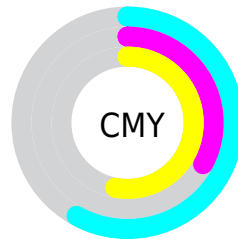


Cyan (37%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (58%)


Magenta (33%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 37.278, 147.687 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, 37.278, 147.687 by changing the saturation by 10% instead.


 65, 37.278,
147.687


 65, 37.278,
147.687


 100, 37.278,
147.687


 55, 37.278,
147.687


 85, 37.278,
147.687

 45, 37.278,
147.687

 95, 37.278,
147.687

 35, 37.278,
147.687

 25, 37.278,
147.687

 15, 37.278,
147.687

 5, 37.278, 147.687

 0, 37.278, 147.687

65, 37.278,
147.687

65, 37.278,
147.687

64, 46.850,
146.578

66, 27.369,
148.649

63, 55.879,
145.312

68, 17.300,
149.484

62, 64.146,
143.888

69, 7.217, 150.221

62, 71.438,
142.331

71, 2.765, 330.702

73, 12.563,
331.319

62, 77.560,
140.695

75, 22.120,
331.799

61, 82.381,
139.097

77, 31.401,
332.218

61, 83.530,
138.722

79, 40.386,
332.586

■ 80, 47.570,
330.150

Harmonies

Complementary

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



65, 37.278, 147.687



54, 37.418, 333.035

Rectangle

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



65, 37.278, 147.687



65, 37.278, 197.687



65, 37.278, 327.687



65, 37.278, 17.687

Sweetspot

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



65, 37.279, 147.687



87, 13.686, 149.936



68, 34.841, 115.490



46, 9.191, 149.841



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 37.279, 147.687



82, 55.536, 146.744



66, 25.212, 172.232



36, 5.705, 150.072



54, 75.375, 138.910



6, 12.346, 149.362

Inverse Universe

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



54, 37.418, 333.035



65, 55.586, 333.636



53, 28.136, 0.273



34, 5.723, 331.181



34, 66.762, 338.153



2, 11.402, 333.347

Previews

White Background



This preview shows how the CIELCh color 65, 37.278, 147.687 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, 37.278, 147.687 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, 37.278, 147.687

Background



This preview shows how black text looks on a background with the CIELCh color 65, 37.278, 147.687.



This preview shows how white text looks on a background with the CIELCh color 65, 37.278, 147.687.

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, 37.278, 147.687

Protanopia
65, 24.231, 95.476

Deuteranopia
65, 19.471, 65.038



Tritanopia
65, 16.571, 224.306

Trichromacy



Original Color
65, 37.278, 147.687

Protanomaly
64, 25.464, 121.545

Deuteranomaly
64, 19.329, 111.746

Tritanomaly
65, 19.639, 179.508

Monochromacy



Original Color
65, 37.278, 147.687

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 13.526, 150.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 37.278, 147.687 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(108, 172, 121)` looks like.

```
.text, #text, p{  
    color:rgb(108, 172, 121)  
}
```

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(108, 172, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 172, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 37.278, 147.687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

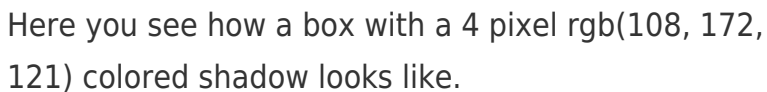
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 172, 121) }
```

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

```
.border{ border-color:rgb(108, 172, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 172, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 172, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 172, 121);  
box-shadow:4px 4px 4px 4px rgb(108, 172,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 37.278, 147.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 172, 121) }
```

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

```
.background{ background-color: rgb(108,  
172, 121) }
```

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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