

Converting Colors

CIELCh(65, 48.884, 132.766)

Have a look what the booklet for
CIELCh(65, 48.884, 132.766)
contains.

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Color

CIELCh(65, 48.884, 132.766)

Conversions

Conversions Part 1

Format	Color
Hex	75AC5B
RGB	117, 172, 91
RGB Percent	46%, 67%, 36%
CMY	0.5411, 0.3254, 0.6431
CMYK	0.32, 0.00, 0.47, 0.33
HSL	101°, 33%, 52%
HSV	101°, 47%, 67%
XYZ	23.9808, 34.0472, 15.2075
YIQ	146.3210, -6.7790, -36.8510

Conversions

Conversions Part 2

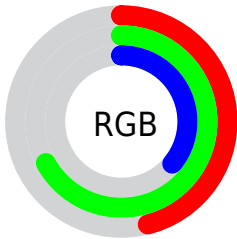
Format	Color
RYB	91, 172, 146
Decimal	7711835
CIELab	65.00, -33.19, 35.89
CIELCh	65, 48.884, 132.766
Yxy	34.0472, 0.3274, 0.4649
Android (android.graphics.Color)	4285901915 (0xFF75AC5B)
YUV	146.3210, -27.2733, -25.7145
Hunter-Lab	58.3500, -28.7519, 25.3925

Details

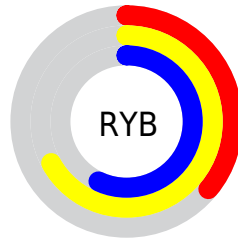
The CIELCh color **65, 48.884, 132.766** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **48, 50.742, 317.031**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 48.899, 132.993**, and **45, 48.786, 132.658** is the 20% darker color. If you saturate the color by 10%, you get **64, 58.448, 132.275**, and if you desaturate by 10%, it is **66, 38.802, 133.300**.

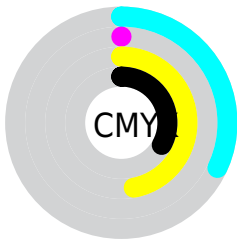
Distribution



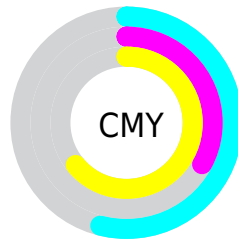
- Red (46%)
- Green (67%)
- Blue (36%)



- Red (36%)
- Yellow (67%)
- Blue (57%)



- Cyan (32%)
- Magenta (0%)
- Yellow (47%)
- Black (33%)




- Cyan (54%)
- Magenta (33%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 48.884, 132.766 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, 48.884, 132.766 by changing the saturation by 10% instead.

 65, 48.884,
132.766

 65, 48.884,
132.766


 100, 48.884,
132.766

 55, 48.884,
132.766


 85, 48.884,
132.766

 45, 48.884,
132.766

 95, 48.884,
132.766

 35, 48.884,
132.766

 25, 48.884,
132.766

 15, 48.884,
132.766

 5, 48.884, 132.766

 0, 48.884, 132.766

■ 65, 48.884,
132.766

■ 65, 48.884,
132.766

■ 64, 58.448,
132.275

■ 66, 38.802,
133.300

■ 63, 67.179,
131.897

■ 67, 28.427,
133.828

■ 63, 74.676,
131.741

■ 68, 17.923,
134.328

■ 62, 80.501,
131.932

■ 69, 7.408, 134.794

■ 62, 84.429,
132.522

■ 71, 3.035, 315.128

■ 62, 85.411,
132.681

■ 72, 13.346,
315.528

■ 74, 23.483,
315.848

■ 75, 33.419,
316.124

■ 77, 43.137,
316.363

Harmonies

Complementary

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



65, 48.884, 132.766



48, 50.742, 317.031

Rectangle

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



65, 48.884, 132.766



65, 48.884, 182.766



65, 48.884, 312.766



65, 48.884, 2.766

Sweetspot

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



65, 48.885, 132.767



87, 18.213, 134.463



61, 32.456, 85.003



46, 12.565, 134.364



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, 48.885, 132.767



82, 72.320, 132.233



64, 48.008, 145.420



36, 5.960, 134.692



55, 77.259, 132.535



6, 12.792, 136.931

Inverse Universe

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



48, 50.742, 317.031



56, 75.593, 317.387



50, 47.919, 332.328



34, 6.011, 315.431



27, 81.023, 316.867



2, 12.293, 312.037

Previews

White Background



This preview shows how the CIELCh color 65, 48.884, 132.766 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, 48.884, 132.766 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, 48.884, 132.766

Background



This preview shows how black text looks on a background with the CIELCh color 65, 48.884, 132.766.



This preview shows how white text looks on a background with the CIELCh color 65, 48.884, 132.766.

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, 48.884, 132.766

Protanopia
65, 39.173, 95.538

Deuteranopia
65, 35.038, 76.472



Tritanopia
65, 12.796, 233.252

Trichromacy



Original Color
65, 48.884, 132.766

Protanomaly
64, 40.013, 111.482

Deuteranomaly
64, 34.890, 102.798

Tritanomaly
65, 19.523, 159.010

Monochromacy



Original Color
65, 48.884, 132.766

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 18.084, 134.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 48.884, 132.766 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(117, 172, 91)` looks like.

```
.text, #text, p{  
    color:rgb(117, 172, 91)  
}
```

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(117, 172, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 172, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 48.884, 132.766 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(117, 172, 91) }
```

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

```
.border{ border-color:rgb(117, 172, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 172, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 172, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 172, 91);  
box-shadow:4px 4px 4px 4px rgb(117, 172,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 48.884, 132.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 172, 91) }
```

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

```
.background{ background-color: rgb(117,  
172, 91) }
```

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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