

Converting Colors

CIELCh(65, 47.483, 123.230)

Have a look what the booklet for
CIELCh(65, 47.483, 123.230)
contains.

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Color

CIELCh(65, 47.604, 123.509)

Conversions

Conversions Part 1

Format	Color
Hex	86A954
RGB	134, 169, 84
RGB Percent	53%, 66%, 33%
CMY	0.4748, 0.3376, 0.6709
CMYK	0.21, 0.00, 0.50, 0.34
HSL	85°, 34%, 50%
HSV	85°, 50%, 66%
XYZ	25.5894, 34.0472, 13.5953
YIQ	148.8450, 6.4250, -33.8550

Conversions

Conversions Part 2

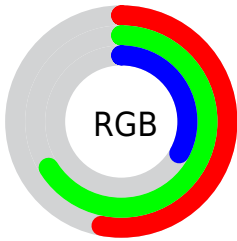
Format	Color
RYB	84, 169, 119
Decimal	8825172
CIELab	65.00, -26.28, 39.69
CIELCh	65, 47.604, 123.509
Yxy	34.0472, 0.3494, 0.4649
Android (android.graphics.Color)	4287015252 (0xFF86A954)
YUV	148.8450, -31.9686, -13.0191
Hunter-Lab	58.3500, -23.8312, 27.0307

Details

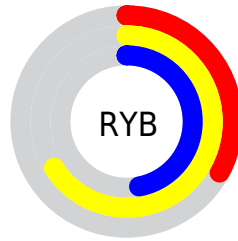
The CIELCh color **65, 47.604, 123.509** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **43, 52.087, 308.889**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 47.138, 123.420**, and **45, 47.545, 123.636** is the 20% darker color. If you saturate the color by 10%, you get **64, 56.078, 123.182**, and if you desaturate by 10%, it is **66, 38.568, 123.949**.

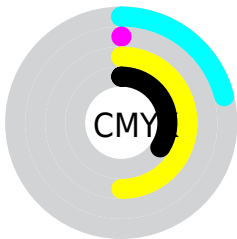
Distribution



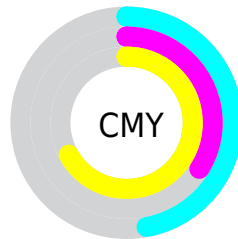
- Red (53%)
- Green (66%)
- Blue (33%)



- Red (33%)
- Yellow (66%)
- Blue (47%)



- Cyan (21%)
- Magenta (0%)
- Yellow (50%)
- Black (34%)





- Cyan (47%)
- Magenta (34%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 47.604, 123.509 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, 47.604, 123.509 by changing the saturation by 10% instead.


 65, 47.604,
123.509


 65, 47.604,
123.509


 100, 47.604,
123.509


 55, 47.604,
123.509


 85, 47.604,
123.509

 45, 47.604,
123.509

 95, 47.604,
123.509

 35, 47.604,
123.509

 25, 47.604,
123.509

 15, 47.604,
123.509

 5, 47.604, 123.509

 0, 47.604, 123.509

■ 65, 47.604,
123.509

■ 65, 47.604,
123.509

■ 64, 56.078,
123.182

■ 66, 38.568,
123.949

■ 64, 63.675,
123.047

■ 66, 29.189,
124.439

■ 63, 70.000,
123.215

■ 67, 19.620,
124.946

■ 63, 74.665,
123.804

■ 68, 9.965, 125.447

■ 63, 77.768,
124.715

■ 69, 0.297, 126.178

■ 70, 9.333, 306.355

■ 71, 18.888,
306.774

■ 72, 28.342,
307.156

■ 74, 37.676,
307.505

Harmonies

Complementary

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



65, 47.604, 123.509



43, 52.087, 308.889

Rectangle

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



65, 47.604, 123.509



65, 47.604, 173.509



65, 47.604, 303.509



65, 47.604, 353.509

Sweetspot

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



65, 47.605, 123.510



86, 17.921, 125.200



54, 31.082, 59.085



45, 12.207, 125.099



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 47.605, 123.510



82, 68.867, 123.164



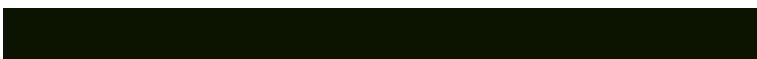
63, 54.773, 138.317



35, 5.449, 125.499



55, 70.429, 124.537



5, 10.124, 128.684

Inverse Universe

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



43, 52.087, 308.889



49, 77.124, 309.572



48, 55.069, 323.989



33, 5.535, 306.375



21, 84.520, 310.271



1, 9.869, 303.829

Previews

White Background



This preview shows how the CIELCh color 65, 47.604, 123.509 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, 47.604, 123.509 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, 47.604, 123.509

Background



This preview shows how black text looks on a background with the CIELCh color 65, 47.604, 123.509.



This preview shows how white text looks on a background with the CIELCh color 65, 47.604, 123.509.

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, 47.604, 123.509

Protanopia
65, 42.246, 95.285

Deuteranopia
65, 38.854, 77.513



Tritanopia
65, 8.519, 257.488

Trichromacy



Original Color
65, 47.604, 123.509

Protanomaly
65, 42.836, 106.728

Deuteranomaly
65, 38.499, 96.768

Tritanomaly
65, 15.201, 141.340

Monochromacy



Original Color
65, 47.604, 123.509

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 17.894, 124.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 47.604, 123.509 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(134, 169, 84)` looks like.

```
.text, #text, p{  
    color:rgb(134, 169, 84)  
}
```

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(134, 169, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 169, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 47.604, 123.509 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(134, 169, 84) }
```

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

```
.border{ border-color:rgb(134, 169, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 169, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 169, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 169, 84);  
box-shadow:4px 4px 4px 4px rgb(134, 169,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 47.604, 123.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 169, 84) }
```

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

```
.background{ background-color: rgb(134,  
169, 84) }
```

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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