

Converting Colors

CIELCh(41, 14.051, 129.638)

Have a look what the booklet for
CIELCh(41, 14.051, 129.638)
contains.

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Color

CIELCh(41, 13.544, 129.019)

Conversions

Conversions Part 1

Format	Color
Hex	59644F
RGB	89, 100, 79
RGB Percent	35%, 39%, 31%
CMY	0.6500, 0.6069, 0.6893
CMYK	0.11, 0.00, 0.21, 0.61
HSL	91°, 12%, 35%
HSV	91°, 21%, 39%
XYZ	10.1430, 11.8645, 9.1972
YIQ	94.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

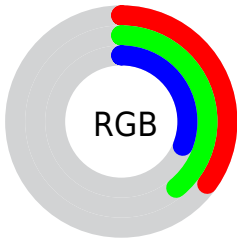
Format	Color
R_{YB}	79, 100, 90
Decimal	5858383
CIE Lab	41.00, -8.53, 10.52
CIE LCh	41, 13.544, 129.019
Yxy	11.8645, 0.3250, 0.3802
Android (android.graphics.Color)	4284048463 (0xFF59644F)
YUV	94.3170, -7.5513, -4.6630
Hunter-Lab	34.4449, -7.7156, 8.2803

Details

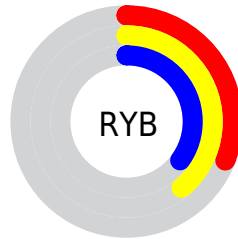
The CIELCh color **41, 13.544, 129.019** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 13.892, 310.787**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 13.767, 129.173**, and **21, 13.001, 129.684** is the 20% darker color. If you saturate the color by 10%, you get **40, 19.977, 128.568**, and if you desaturate by 10%, it is **42, 7.075, 129.461**.

Distribution



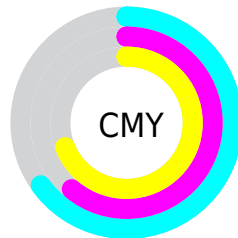
- Red (35%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (35%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (61%)





- Cyan (65%)
- Magenta (61%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 13.544, 129.019 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 41, 13.544, 129.019 by changing the saturation by 10% instead.


 41, 13.544,
129.019


 41, 13.544,
129.019


 100, 13.544,
129.019


 31, 13.544,
129.019

 61, 13.544,
129.019


 21, 13.544,
129.019

 71, 13.544,
129.019


 11, 13.544,
129.019


 81, 13.544,
129.019

 1, 13.544, 129.019

 91, 13.544,
129.019

 0, 13.544, 129.019

 41, 13.544,

 41, 13.544,

129.019

■ 40, 19.977,
128.568

■ 40, 26.307,
128.116

■ 39, 32.447,
127.694

■ 39, 38.269,
127.348

■ 38, 43.599,
127.145

■ 38, 48.215,
127.179

■ 38, 51.876,
127.553

■ 37, 54.893,
127.858

129.019

■ 42, 7.075, 129.461

■ 42, 0.613, 129.983

■ 43, 5.809, 310.223

■ 44, 12.167,
310.574

■ 45, 18.442,
310.889

■ 46, 24.624,
311.170

■ 47, 30.704,
311.422

■ 48, 36.677,
311.647

■ 49, 42.539,

Harmonies

Complementary

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



41, 13.544, 129.019



35, 13.892, 310.787

Rectangle

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



41, 13.544, 129.019



41, 13.544, 179.019



41, 13.544, 309.019



41, 13.544, 359.019

Sweetspot

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



41, 13.545, 129.021



54, 4.790, 129.669



39, 8.048, 74.732



28, 3.202, 129.650



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 13.545, 129.021



52, 20.003, 128.806



40, 15.449, 143.633



21, 3.674, 129.548



43, 60.552, 128.117



86, 106.032, 129.086

Inverse Universe

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



35, 13.892, 310.787



44, 20.638, 311.010



36, 15.462, 325.958



19, 3.718, 310.248



16, 68.569, 312.932



39, 119.625, 312.261

Previews

White Background



This preview shows how the CIELCh color 41, 13.544, 129.019 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 CIE LCh color 41, 13.544, 129.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

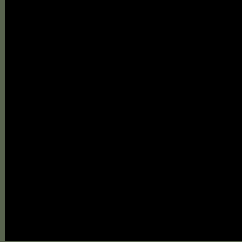
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 13.544, 129.019

Background



This preview shows how black text looks on a background with the CIELCh color 41, 13.544, 129.019.

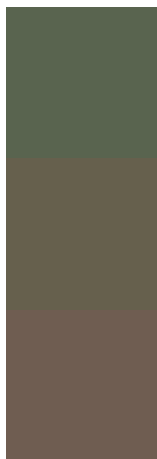


This preview shows how white text looks on a background with the CIELCh color 41, 13.544, 129.019.

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

41, 13.544, 129.019

Protanopia

41, 11.782, 95.141

Deuteranopia

41, 10.954, 61.301



Tritanopia
41, 4.511, 269.980

Trichromacy



Original Color
41, 13.544, 129.019

Protanomaly
41, 12.043, 110.456

Deuteranomaly
41, 10.159, 90.750

Tritanomaly
41, 3.104, 163.260

Monochromacy



Original Color
41, 13.544, 129.019

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 5.149, 128.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 13.544, 129.019 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(89, 100, 79)` looks like.

```
.text, #text, p{  
    color:rgb(89, 100, 79)  
}
```

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(89, 100, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 100, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 13.544, 129.019 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(89, 100, 79) }
```

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

```
.border{ border-color:rgb(89, 100, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 100, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 100, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 100, 79);  
box-shadow:4px 4px 4px 4px rgb(89, 100,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 13.544, 129.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 100, 79) }
```

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

```
.background{ background-color: rgb(89, 100,  
79) }
```

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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