

Converting Colors

CIELCh(41, 31.033, 124.116)

Have a look what the booklet for
CIELCh(41, 31.033, 124.116)
contains.

CIELCh(41, 31.472, 124.400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 31.472, 124.400)

Conversions

Conversions Part 1

Format	Color
Hex	526835
RGB	82, 104, 53
RGB Percent	32%, 41%, 21%
CMY	0.6798, 0.5935, 0.7934
CMYK	0.21, 0.00, 0.49, 0.59
HSL	86°, 33%, 31%
HSV	86°, 49%, 41%
XYZ	9.0015, 11.8645, 5.1455
YIQ	91.6080, 3.2590, -20.5250

Conversions

Conversions Part 2

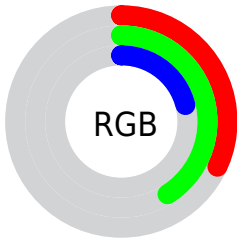
Format	Color
RYB	53, 104, 75
Decimal	5400629
CIELab	41.00, -17.78, 25.97
CIElCh	41, 31.472, 124.400
Yxy	11.8645, 0.3461, 0.4561
Android (android.graphics.Color)	4283590709 (0xFF526835)
YUV	91.6080, -19.0337, -8.4262
Hunter-Lab	34.4449, -13.6314, 15.2545

Details

The CIELCh color $41, 31.472, 124.400$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $27, 34.078, 309.274$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 31.167, 124.057$, and $21, 31.801, 124.432$ is the 20% darker color. If you saturate the color by 10%, you get $41, 37.346, 124.046$, and if you desaturate by 10%, it is $41, 25.295, 124.835$.

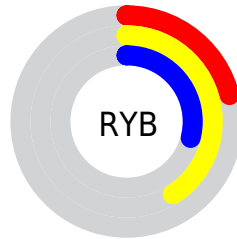
Distribution



Red (32%)

Green (41%)

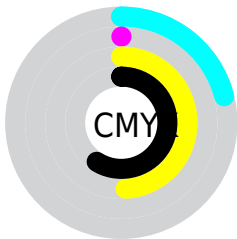
Blue (21%)



Red (21%)

Yellow (41%)

Blue (29%)

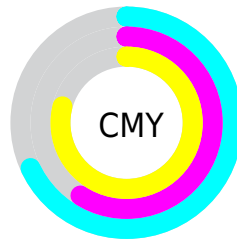


Cyan (21%)

Magenta (0%)

Yellow (49%)

Black (59%)



Cyan (68%)


Magenta (59%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 31.472, 124.400 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, 31.472, 124.400 by changing the saturation by 10% instead.


 41, 31.472,
124.400


 41, 31.472,
124.400


 100, 31.472,
124.400


 31, 31.472,
124.400

 61, 31.472,
124.400


 21, 31.472,
124.400

 71, 31.472,
124.400

 11, 31.472,
124.400


 81, 31.472,
124.400

 1, 31.472, 124.400

 91, 31.472,
124.400

 0, 31.472, 124.400

 41, 31.472,

 41, 31.472,

124.400

124.400

■ 41, 37.346,
124.046

■ 41, 25.295,
124.835

■ 40, 42.745,
123.833

■ 42, 18.932,
125.303

■ 40, 47.446,
123.850

■ 43, 12.469,
125.779

■ 39, 51.197,
124.201

■ 43, 5.964, 126.246

■ 39, 54.366,
124.682

■ 44, 0.540, 306.567

■ 45, 7.014, 307.081

■ 39, 54.637,
124.709

■ 45, 13.435,
307.467

■ 46, 19.787,
307.821

■ 47, 26.059,

Harmonies

Complementary

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



41, 31.472, 124.400



27, 34.078, 309.274

Rectangle

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



41, 31.472, 124.400



41, 31.472, 174.400



41, 31.472, 304.400



41, 31.472, 354.400

Sweetspot

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



41, 31.473, 124.401



55, 12.128, 125.955



34, 20.151, 61.109



28, 8.339, 125.882



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 31.473, 124.401



52, 46.173, 124.003



40, 36.229, 138.986



21, 3.600, 126.259



43, 58.812, 124.899



87, 102.849, 125.876

Inverse Universe

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



27, 34.078, 309.274



31, 51.118, 309.945



30, 36.378, 324.368



19, 3.651, 307.033



15, 69.883, 310.922



37, 122.036, 310.268

Previews

White Background



This preview shows how the CIELCh color 41, 31.472, 124.400 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, 31.472, 124.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

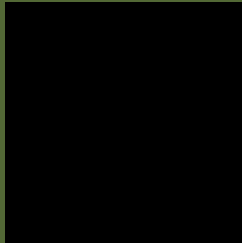
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 31.472, 124.400

Background



This preview shows how black text looks on a background with the CIELCh color 41, 31.472, 124.400.



This preview shows how white text looks on a background with the CIELCh color 41, 31.472, 124.400.

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, 31.472, 124.400

Protanopia

41, 28.096, 96.978

Deuteranopia

41, 25.061, 77.853



Tritanopia
41, 5.937, 254.214

Trichromacy



Original Color
41, 31.472, 124.400

Protanomaly
41, 28.213, 107.790

Deuteranomaly
41, 24.715, 97.465

Tritanomaly
41, 9.893, 145.626

Monochromacy



Original Color
41, 31.472, 124.400

Achromatopsia
39, 0.005, 296.813

Achromatomaly
40, 12.051, 125.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 31.472, 124.400 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(82, 104, 53)` looks like.

```
.text, #text, p{  
    color:rgb(82, 104, 53)  
}
```

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(82, 104, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 104, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 31.472, 124.400 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(82, 104, 53) }
```

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

```
.border{ border-color:rgb(82, 104, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 104, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 104, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 104, 53);  
box-shadow:4px 4px 4px 4px rgb(82, 104,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 31.472, 124.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 104, 53) }
```

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

```
.background{ background-color: rgb(82, 104,  
53) }
```

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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