

Converting Colors

CIELCh(44, 30.034, 130.507)

Have a look what the booklet for
CIELCh(44, 30.034, 130.507)
contains.

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Color

CIELCh(44, 30.095, 130.490)

Conversions

Conversions Part 1

Format	Color
Hex	547041
RGB	84, 112, 65
RGB Percent	33%, 44%, 25%
CMY	0.6708, 0.5610, 0.7453
CMYK	0.25, 0.00, 0.42, 0.56
HSL	96°, 27%, 35%
HSV	96°, 42%, 44%
XYZ	10.3910, 13.8382, 7.1160
YIQ	98.2700, -1.6010, -20.5530

Conversions

Conversions Part 2

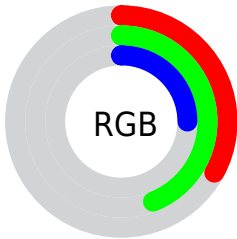
Format	Color
RYB	65, 112, 93
Decimal	5533761
CIELab	44.00, -19.54, 22.89
CIELCh	44, 30.095, 130.490
Yxy	13.8382, 0.3315, 0.4415
Android (android.graphics.Color)	4283723841 (0xFF547041)
YUV	98.2700, -16.4021, -12.5148
Hunter-Lab	37.1997, -15.2393, 14.6981

Details

The CIELCh color $44, 30.095, 130.490$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32, 31.441, 314.126$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 29.892, 130.451$, and $24, 29.853, 130.666$ is the 20% darker color. If you saturate the color by 10%, you get $43, 36.923, 130.045$, and if you desaturate by 10%, it is $45, 23.036, 130.962$.

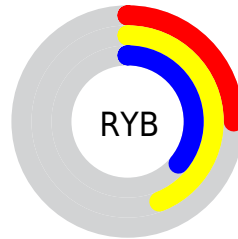
Distribution



Red (33%)

Green (44%)

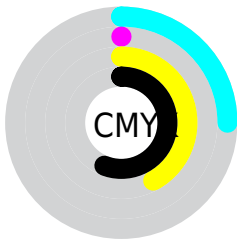
Blue (25%)



Red (25%)

Yellow (44%)

Blue (36%)

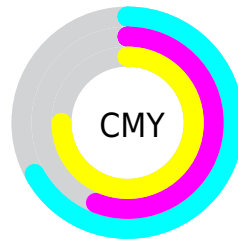


Cyan (25%)

Magenta (0%)

Yellow (42%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 30.095, 130.490 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 44, 30.095, 130.490 by changing the saturation by 10% instead.


 44, 30.095,
130.490

 44, 30.095,
130.490


 100, 30.095,
130.490

 34, 30.095,
130.490

 64, 30.095,
130.490


 24, 30.095,
130.490

 74, 30.095,
130.490

 14, 30.095,
130.490

 84, 30.095,
130.490

 4, 30.095, 130.490

 94, 30.095,
130.490

 0, 30.095, 130.490

 44, 30.095,

 44, 30.095,

130.490

130.490

■ 43, 36.923,
130.045

■ 45, 23.036,
130.962

■ 43, 43.363,
129.674

■ 45, 15.854,
131.427

■ 42, 49.205,
129.452

■ 46, 8.629, 131.872

■ 42, 54.184,
129.481

■ 47, 1.418, 132.336

■ 48, 5.737, 312.621

■ 42, 58.032,
129.869

■ 49, 12.807,
312.963

■ 41, 60.755,
130.161

■ 50, 19.771,
313.263

■ 51, 26.614,
313.527

■ 52, 33.328,

313.760

Harmonies

Complementary

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



44, 30.095, 130.490



32, 31.441, 314.126

Rectangle

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



44, 30.095, 130.490



44, 30.095, 180.490



44, 30.095, 310.490



44, 30.095, 0.490

Sweetspot

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



44, 30.096, 130.491



59, 11.600, 131.813



40, 19.123, 78.610



30, 8.184, 131.734



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 30.096, 130.491



56, 44.029, 130.073



43, 32.172, 143.671



23, 4.053, 132.001



44, 63.867, 130.277



87, 110.112, 131.135

Inverse Universe

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



32, 31.441, 314.126



39, 46.465, 314.514



35, 32.123, 329.051



22, 4.095, 312.685



19, 69.733, 314.704



43, 119.649, 314.096

Previews

White Background



This preview shows how the CIELCh color 44, 30.095, 130.490 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 CIELCh color 44, 30.095, 130.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

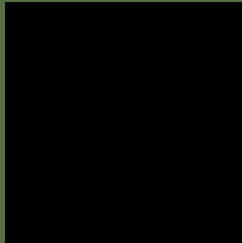
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 30.095, 130.490

Background



This preview shows how black text looks on a background with the CIELCh color 44, 30.095, 130.490.



This preview shows how white text looks on a background with the CIELCh color 44, 30.095, 130.490.

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

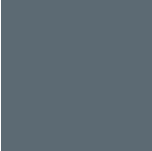
44, 30.095, 130.490

Protanopia

44, 25.073, 96.827

Deuteranopia

44, 22.405, 74.307



Tritanopia
44, 7.499, 245.160

Trichromacy



Original Color
44, 30.095, 130.490

Protanomaly
44, 25.818, 111.571

Deuteranomaly
44, 22.022, 99.705

Tritanomaly
44, 10.260, 158.301

Monochromacy



Original Color
44, 30.095, 130.490

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 11.086, 131.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 30.095, 130.490 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(84, 112, 65)` looks like.

```
.text, #text, p{  
    color:rgb(84, 112, 65)  
}
```

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(84, 112, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 112, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 30.095, 130.490 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(84, 112, 65) }
```

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

```
.border{ border-color:rgb(84, 112, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 112, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 112, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 112, 65);  
box-shadow:4px 4px 4px 4px rgb(84, 112,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 30.095, 130.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 112, 65) }
```

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

```
.background{ background-color: rgb(84, 112,  
65) }
```

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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