

Converting Colors

CIELCh(30, 4.452, 39.273)

Have a look what the booklet for
CIELCh(30, 4.452, 39.273) contains.

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Color

CIELCh(30, 4.539, 44.791)

Conversions

Conversions Part 1

Format	Color
Hex	4E4542
RGB	78, 69, 66
RGB Percent	31%, 27%, 26%
CMY	0.6949, 0.7301, 0.7419
CMYK	0.00, 0.12, 0.15, 0.69
HSL	15°, 8%, 28%
HSV	15°, 15%, 31%
XYZ	6.2206, 6.2359, 6.0012
YIQ	71.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

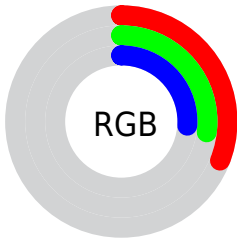
Format	Color
R_YB	78, 70, 66
Decimal	5129538
CIE Lab	30.00, 3.22, 3.20
CIE LCh	30, 4.539, 44.791
Yxy	6.2359, 0.3370, 0.3378
Android (android.graphics.Color)	4283319618 (0xFF4E4542)
YUV	71.3490, -2.6371, 5.8329
Hunter-Lab	24.9718, 0.7649, 3.2317

Details

The CIELCh color **30, 4.539, 44.791** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 4.172, 226.281**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 4.477, 42.691**, and **10, 4.901, 46.995** is the 20% darker color. If you saturate the color by 10%, you get **28, 7.761, 44.546**, and if you desaturate by 10%, it is **32, 1.538, 45.047**.

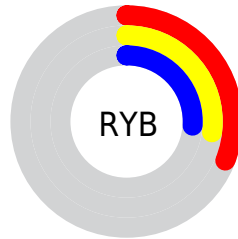
Distribution



Red (31%)

Green (27%)

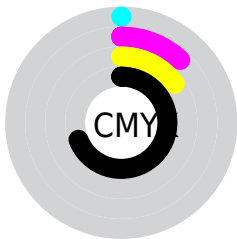
Blue (26%)



Red (31%)

Yellow (27%)

Blue (26%)

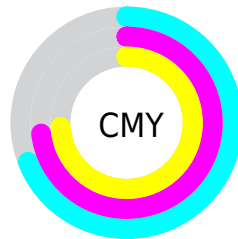


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (69%)



Cyan (69%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 4.539, 44.791 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 30, 4.539, 44.791 by changing the saturation by 10% instead.

 30, 4.539, 44.791  30, 4.539, 44.791

 100, 4.539, 44.791  20, 4.539, 44.791

 50, 4.539, 44.791  10, 4.539, 44.791

 60, 4.539, 44.791  0, 4.539, 44.791

 70, 4.539, 44.791

 80, 4.539, 44.791

 90, 4.539, 44.791

 30, 4.539, 44.791  30, 4.539, 44.791

 28, 7.761, 44.546  32, 1.538, 45.047

 26, 11.221, 44.363  34, 1.261, 225.842

■ 24, 14.930, 44.287

■ 36, 3.877, 226.146

■ 22, 18.889, 44.340

■ 38, 6.331, 226.593

■ 21, 23.078, 44.536

■ 40, 8.640, 227.072

■ 19, 27.444, 44.860

■ 42, 10.820,
227.565

■ 18, 31.320, 44.248

■ 44, 12.887,
228.064

■ 16, 34.487, 42.947

■ 16, 35.887, 42.602

■ 46, 14.852,
228.562

■ 48, 16.729,
229.056

Harmonies

Complementary

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



30, 4.539, 44.791



31, 4.172, 226.281

Rectangle

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



30, 4.539, 44.791



30, 4.539, 94.791



30, 4.539, 224.791



30, 4.539, 274.791

Sweetspot

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



30, 4.539, 44.806



42, 1.775, 45.048



29, 7.825, 333.232



20, 1.197, 45.046



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 4.539, 44.806



39, 6.709, 44.716



32, 5.835, 95.565



14, 1.581, 44.992



22, 46.522, 44.693



52, 90.022, 44.854

Inverse Universe

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



31, 4.172, 226.281



40, 6.047, 226.482



29, 5.892, 279.035



15, 1.511, 225.944



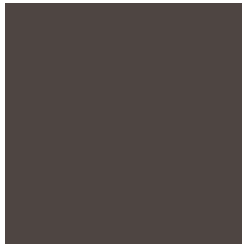
30, 23.025, 243.441



66, 42.421, 246.994

Previews

White Background



This preview shows how the CIELCh color 30, 4.539, 44.791 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 30, 4.539, 44.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

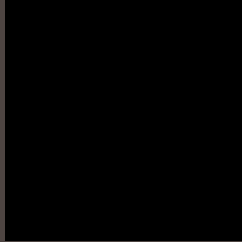
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

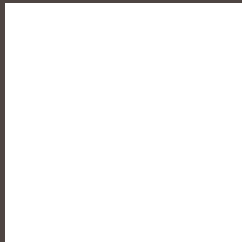
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 30, 4.539, 44.791

Background



This preview shows how black text looks on a background with the CIELCh color 30, 4.539, 44.791.

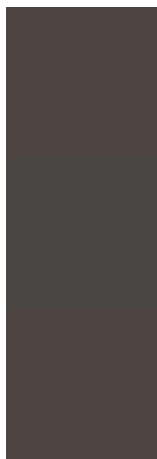


This preview shows how white text looks on a background with the CIELCh color 30, 4.539, 44.791.

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

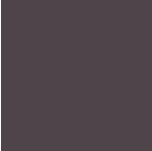
30, 4.539, 44.791

Protanopia

30, 2.334, 74.452

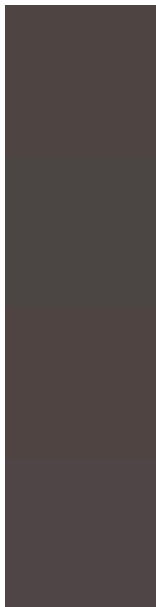
Deuteranopia

30, 5.199, 34.300



Tritanopia
30, 5.836, 347.254

Trichromacy



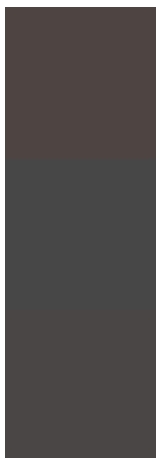
Original Color
30, 4.539, 44.791

Protanomaly
30, 2.955, 59.874

Deuteranomaly
30, 5.199, 34.300

Tritanomaly
30, 5.105, 5.793

Monochromacy



Original Color
30, 4.539, 44.791

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 1.476, 45.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 4.539, 44.791 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(78, 69, 66)` looks like.

```
.text, #text, p{  
    color:rgb(78, 69, 66)  
}
```

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(78, 69, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 69, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 4.539, 44.791 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(78, 69, 66) }
```

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

```
.border{ border-color:rgb(78, 69, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 69, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 69, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 69, 66);  
box-shadow:4px 4px 4px 4px rgb(78, 69, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 4.539, 44.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 69, 66) }
```

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

```
.background{ background-color: rgb(78, 69,  
66) }
```

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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