

Converting Colors

CIELCh(30, 54.597, 326.593)

Have a look what the booklet for
CIELCh(30, 54.597, 326.593)
contains.

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Color

CIELCh(30, 54.448, 326.492)

Conversions

Conversions Part 1

Format	Color
Hex	732476
RGB	115, 36, 118
RGB Percent	45%, 14%, 46%
CMY	0.5485, 0.8582, 0.5367
CMYK	0.03, 0.69, 0.00, 0.54
HSL	298°, 53%, 30%
HSV	298°, 69%, 46%
XYZ	11.0017, 6.2359, 17.8052
YIQ	68.9690, 20.7620, 42.2500

Conversions

Conversions Part 2

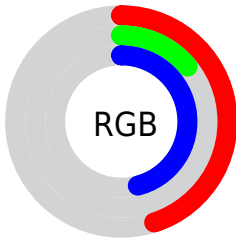
Format	Color
RYB	115, 36, 118
Decimal	7545974
CIELab	30.00, 45.40, -30.06
CIElCh	30, 54.448, 326.492
Yxy	6.2359, 0.3140, 0.1780
Android (android.graphics.Color)	4285736054 (0xFF732476)
YUV	68.9690, 24.1723, 40.3692
Hunter-Lab	24.9718, 34.9406, -24.7943

Details

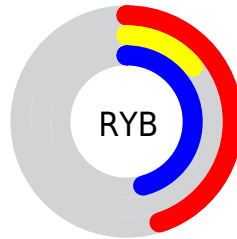
The CIELCh color $[30, 54.448, 326.492]$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $[44, 55.026, 137.971]$, and the grayscale version is $[29, 0.005, 296.813]$.

A 20% lighter version of the original color is $[50, 54.561, 326.222]$, and $[13, 45.333, 325.202]$ is the 20% darker color. If you saturate the color by 10%, you get $[28, 59.425, 326.702]$, and if you desaturate by 10%, it is $[32, 48.205, 326.191]$.

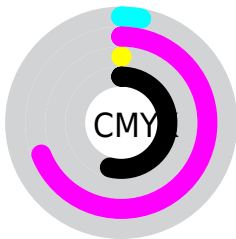
Distribution



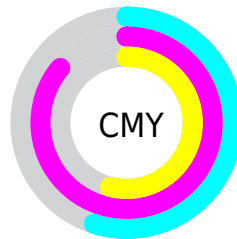
- Red (45%)
- Green (14%)
- Blue (46%)



- Red (45%)
- Yellow (14%)
- Blue (46%)



- Cyan (3%)
- Magenta (69%)
- Yellow (0%)
- Black (54%)




- Cyan (55%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 54.448, 326.492 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, 54.448, 326.492 by changing the saturation by 10% instead.


 30, 54.448,
326.492

 30, 54.448,
326.492

 100, 54.448,
326.492


 20, 54.448,
326.492


 50, 54.448,
326.492

 10, 54.448,
326.492

 60, 54.448,
326.492

 0, 54.448, 326.492

 70, 54.448,
326.492

 80, 54.448,
326.492

 90, 54.448,
326.492

■ 30, 54.448,
326.492

■ 30, 54.448,
326.492

■ 28, 59.425,
326.702

■ 32, 48.205,
326.191

■ 27, 62.928,
326.809

■ 34, 40.995,
325.816

■ 26, 65.406,
326.848

■ 37, 33.119,
325.385

■ 26, 65.556,
326.851

■ 40, 24.845,
324.916

■ 43, 16.388,
324.422

■ 47, 7.905, 323.912

■ 50, 0.492, 143.782

■ 53, 8.734, 142.971

■ 57, 16.775,
142.492

Harmonies

Complementary

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



30, 54.448, 326.492



44, 55.026, 137.971

Rectangle

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



30, 54.448, 326.492



30, 54.448, 16.492



30, 54.448, 146.492



30, 54.448, 196.492

Sweetspot

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



30, 54.446, 326.492



55, 21.932, 324.528



21, 51.851, 299.342



27, 14.761, 324.633



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



30, 54.446, 326.492



37, 74.284, 326.775



29, 41.067, 348.564



23, 4.704, 323.893



27, 67.244, 326.845



58, 114.018, 326.769

Inverse Universe

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



28, 40.295, 26.785



33, 59.783, 32.177



44, 39.914, 153.411



23, 2.751, 16.900



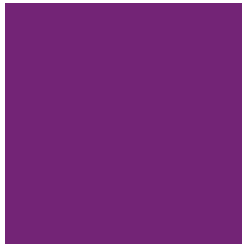
24, 58.026, 36.542



52, 101.572, 38.984

Previews

White Background



This preview shows how the CIELCh color 30, 54.448, 326.492 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 CIELCh color 30, 54.448, 326.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

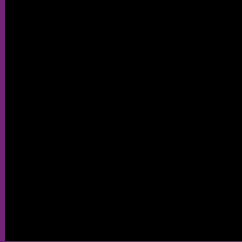
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 54.448, 326.492

Background



This preview shows how black text looks on a background with the CIELCh color 30, 54.448, 326.492.



This preview shows how white text looks on a background with the CIELCh color 30, 54.448, 326.492.

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





Tritanopia
30, 24.726, 18.573

Trichromacy



Original Color
30, 54.448, 326.492

Protanomaly
27, 51.497, 295.286

Deuteranomaly
29, 35.789, 304.391

Tritanomaly
30, 32.136, 348.466

Monochromacy



Original Color
30, 54.448, 326.492

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 22.633, 325.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 54.448, 326.492 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(115, 36, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 36, 118)  
}
```

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(115, 36, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 36, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 54.448, 326.492 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(115, 36, 118) }
```

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

```
.border{ border-color:rgb(115, 36, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 36, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 36, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 36, 118);  
box-shadow:4px 4px 4px 4px rgb(115, 36,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 54.448, 326.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 36, 118) }
```

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

```
.background{ background-color: rgb(115, 36,  
118) }
```

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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