

Converting Colors

CIELCh(30, 14.735, 320.512)

Have a look what the booklet for
CIELCh(30, 14.735, 320.512)
contains.

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Color

CIELCh(30, 14.694, 321.273)

Conversions

Conversions Part 1

Format	Color
Hex	524155
RGB	82, 65, 85
RGB Percent	32%, 25%, 33%
CMY	0.6783, 0.7450, 0.6665
CMYK	0.04, 0.24, 0.00, 0.67
HSL	291°, 13%, 29%
HSV	291°, 24%, 33%
XYZ	7.0156, 6.2359, 9.4351
YIQ	72.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

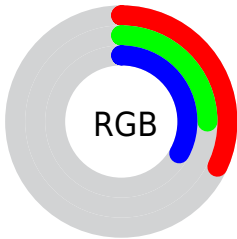
Format	Color
RYB	82, 65, 85
Decimal	5390677
CIELab	30.00, 11.46, -9.19
CIElCh	30, 14.694, 321.273
Yxy	6.2359, 0.3092, 0.2749
Android (android.graphics.Color)	4283580757 (0xFF524155)
YUV	72.3630, 6.2300, 8.4516
Hunter-Lab	24.9718, 6.4476, -4.9212

Details

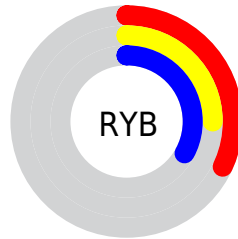
The CIELCh color **30, 14.694, 321.273** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 14.584, 139.148**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 14.905, 321.404**, and **10, 14.890, 321.397** is the 20% darker color. If you saturate the color by 10%, you get **28, 20.980, 321.692**, and if you desaturate by 10%, it is **33, 8.400, 320.842**.

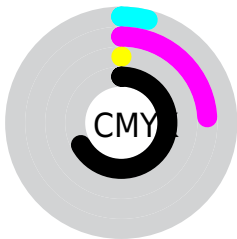
Distribution



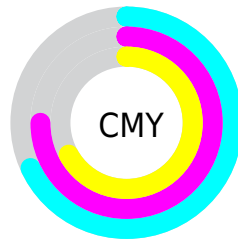
- Red (32%)
- Green (25%)
- Blue (33%)



- Red (32%)
- Yellow (25%)
- Blue (33%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (67%)





- Cyan (68%)
- Magenta (75%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 14.694, 321.273 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, 14.694, 321.273 by changing the saturation by 10% instead.


 30, 14.694,
321.273


 30, 14.694,
321.273

 100, 14.694,
321.273


 20, 14.694,
321.273


 50, 14.694,
321.273


 10, 14.694,
321.273

 60, 14.694,
321.273

 0, 14.694, 321.273

 70, 14.694,
321.273

 80, 14.694,
321.273

 90, 14.694,
321.273

■ 30, 14.694,
321.273

■ 30, 14.694,
321.273

■ 28, 20.980,
321.692

■ 33, 8.400, 320.842

■ 25, 27.161,
322.086

■ 35, 2.173, 320.378

■ 38, 3.945, 140.051

■ 23, 33.093,
322.436

■ 41, 9.926, 139.637

■ 21, 38.590,
322.719

■ 43, 15.755,
139.257

■ 19, 43.433,
322.907

■ 46, 21.427,
138.902

■ 18, 47.389,
322.973

■ 49, 26.940,
138.570

■ 16, 50.470,
322.924

■ 52, 32.298,
138.263

■ 16, 52.529,

■ 54, 37.505,

322.918

137.979

Harmonies

Complementary

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



30, 14.694, 321.273



34, 14.584, 139.148

Rectangle

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



30, 14.694, 321.273



30, 14.694, 11.273



30, 14.694, 141.273



30, 14.694, 191.273

Sweetspot

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



30, 14.693, 321.273



44, 5.341, 320.562



29, 10.976, 285.985



22, 3.499, 320.573



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



30, 14.693, 321.273



37, 21.609, 321.501



30, 12.026, 337.977



16, 3.521, 320.634



21, 61.729, 322.765



50, 109.860, 322.414

Inverse Universe

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



30, 9.322, 9.265



37, 13.872, 9.900



34, 11.883, 154.687



16, 2.168, 7.770



21, 49.266, 29.904



49, 90.961, 33.760

Previews

White Background



This preview shows how the CIE LCh color 30, 14.694, 321.273 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, 14.694, 321.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

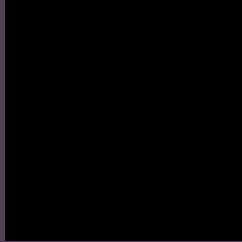
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 14.694, 321.273

Background



This preview shows how black text looks on a background with the CIELCh color 30, 14.694, 321.273.

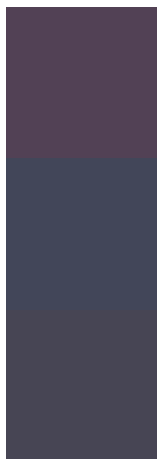


This preview shows how white text looks on a background with the CIELCh color 30, 14.694, 321.273.

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, 14.694, 321.273

Protanopia

30, 12.227, 285.064

Deuteranopia

30, 9.674, 296.801



Tritanopia
30, 6.931, 347.058

Trichromacy



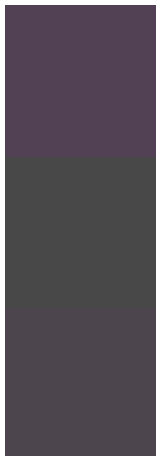
Original Color
30, 14.694, 321.273

Protanomaly
30, 12.971, 299.616

Deuteranomaly
30, 10.708, 307.723

Tritanomaly
30, 9.620, 334.087

Monochromacy



Original Color
30, 14.694, 321.273

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 5.975, 321.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 14.694, 321.273 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, 65, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 65, 85)  
}
```

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, 65, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 65, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 14.694, 321.273 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, 65, 85) }
```

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

```
.border{ border-color:rgb(82, 65, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 65, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 65, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 65, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 65, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 14.694, 321.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 65, 85) }
```

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

```
.background{ background-color: rgb(82, 65,  
85) }
```

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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