

Converting Colors

CIELCh(14, 55.011, 311.736)

Have a look what the booklet for
CIELCh(14, 55.011, 311.736)
contains.

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Color

CIELCh(14, 55.194, 311.677)

Conversions

Conversions Part 1

Format	Color
Hex	320B5F
RGB	50, 11, 95
RGB Percent	20%, 4%, 37%
CMY	0.8047, 0.9577, 0.6282
CMYK	0.47, 0.89, 0.00, 0.63
HSL	268°, 80%, 21%
HSV	268°, 89%, 37%
XYZ	3.4788, 1.7298, 10.9295
YIQ	32.2370, -3.7200, 34.3920

Conversions

Conversions Part 2

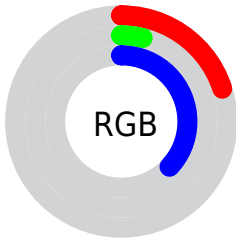
Format	Color
R _Y B	50, 11, 95
Decimal	3279711
CIE Lab	14.00, 36.70, -41.22
CIE LCh	14, 55.194, 311.677
Yxy	1.7298, 0.2156, 0.1072
Android (android.graphics.Color)	4281469791 (0xFF320B5F)
YUV	32.2370, 30.9422, 15.5782
Hunter-Lab	13.1521, 24.1987, -40.0642

Details

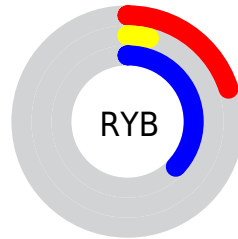
The CIELCh color **14, 55.194, 311.677** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36, 48.087, 125.345**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 55.095, 311.827**, and **2, 31.275, 295.665** is the 20% darker color. If you saturate the color by 10%, you get **12, 59.815, 311.800**, and if you desaturate by 10%, it is **16, 50.228, 311.566**.

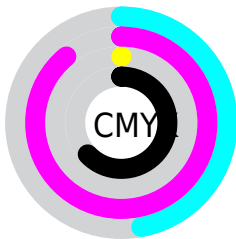
Distribution



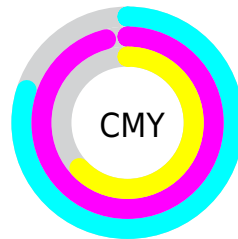
- Red (20%)
- Green (4%)
- Blue (37%)



- Red (20%)
- Yellow (4%)
- Blue (37%)



- Cyan (47%)
- Magenta (89%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (96%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 55.194, 311.677 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 14, 55.194, 311.677 by changing the saturation by 10% instead.

■ 14, 55.194,
311.677

■ 14, 55.194,
311.677

■ 100, 55.194,
311.677

■ 4, 55.194, 311.677

■ 34, 55.194,
311.677

■ 0, 55.194, 311.677

■ 44, 55.194,
311.677


■ 54, 55.194,
311.677


■ 64, 55.194,
311.677


■ 74, 55.194,
311.677

■ 84, 55.194,


311.677


 94, 55.194,
311.677


 14, 55.194,
311.677


 14, 55.194,
311.677


 12, 59.815,
311.800

 16, 50.228,
311.566

 12, 60.520,
311.851

 19, 44.363,
311.231

 22, 37.982,
310.765

 25, 31.366,
310.234

 28, 24.702,
309.687

■ 31, 18.101,
309.151

■ 34, 11.627,
308.644

■ 37, 5.313, 308.171

■ 41, 0.826, 127.833

Harmonies

Complementary

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



14, 55.194, 311.677



36, 48.087, 125.345

Rectangle

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



14, 55.194, 311.677



14, 55.194, 1.677



14, 55.194, 131.677



14, 55.194, 181.677

Sweetspot

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



14, 55.194, 311.678



41, 21.045, 309.108



23, 26.711, 270.852



19, 14.084, 309.217



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



14, 55.194, 311.678



17, 72.750, 311.516



21, 53.103, 326.323



18, 3.518, 308.183



15, 68.295, 311.621



37, 120.212, 310.934

Inverse Universe

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



20, 39.642, 353.184



25, 49.840, 357.175



35, 54.229, 136.438



18, 2.922, 342.393



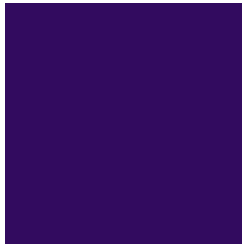
23, 46.898, 356.797



52, 81.330, 359.362

Previews

White Background



This preview shows how the CIE LCh color 14, 55.194, 311.677 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 14, 55.194, 311.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

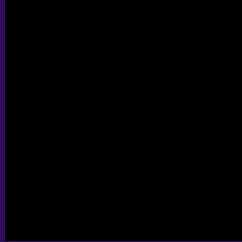
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 55.194, 311.677

Background



This preview shows how black text looks on a background with the CIELCh color 14, 55.194, 311.677.



This preview shows how white text looks on a background with the CIELCh color 14, 55.194, 311.677.

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

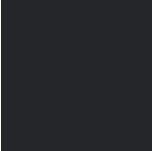
14, 55.194, 311.677

Protanopia

14, 29.424, 282.516

Deuteranopia

15, 20.760, 266.912



Tritanopia
15, 2.299, 266.756

Trichromacy



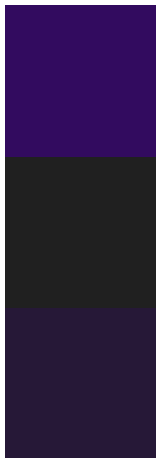
Original Color
14, 55.194, 311.677

Protanomaly
13, 39.726, 297.327

Deuteranomaly
13, 33.545, 294.256

Tritanomaly
13, 24.088, 308.163

Monochromacy



Original Color
14, 55.194, 311.677

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 23.122, 310.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 55.194, 311.677 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(50, 11, 95)` looks like.

```
.text, #text, p{  
    color:rgb(50, 11, 95)  
}
```

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(50, 11, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 11, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 55.194, 311.677 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(50, 11, 95) }
```

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

```
.border{ border-color:rgb(50, 11, 95) }
```

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

Here you see how a box with a 4 pixel rgb(50, 11, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 11, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 11, 95);  
box-shadow:4px 4px 4px 4px rgb(50, 11, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 55.194, 311.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 11, 95) }
```

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

```
.background{ background-color: rgb(50, 11,  
95) }
```

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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