

Converting Colors

CIELCh(14, 56.656, 310.169)

Have a look what the booklet for
CIELCh(14, 56.656, 310.169)
contains.

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Color

CIELCh(14, 56.752, 310.090)

Conversions

Conversions Part 1

Format	Color
Hex	2E0C62
RGB	46, 12, 98
RGB Percent	18%, 5%, 38%
CMY	0.8194, 0.9527, 0.6154
CMYK	0.53, 0.88, 0.00, 0.62
HSL	264°, 78%, 22%
HSV	264°, 88%, 38%
XYZ	3.4693, 1.7298, 11.7214
YIQ	31.9700, -7.3420, 33.9540

Conversions

Conversions Part 2

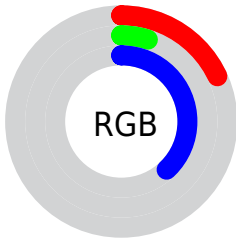
Format	Color
R_{YB}	46, 12, 98
Decimal	3017826
CIE _{Lab}	14.00, 36.55, -43.42
CIE _{LCh}	14, 56.752, 310.090
Yxy	1.7298, 0.2050, 0.1022
Android (android.graphics.Color)	4281207906 (0xFF2E0C62)
YUV	31.9700, 32.5528, 12.3043
Hunter-Lab	13.1521, 24.0687, -43.6337

Details

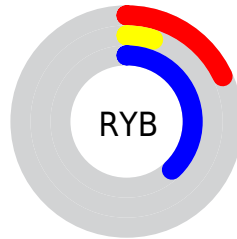
The CIELCh color **14, 56.752, 310.090** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **38, 48.071, 122.679**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 57.255, 310.300**, and **2, 32.875, 296.401** is the 20% darker color. If you saturate the color by 10%, you get **12, 61.608, 310.320**, and if you desaturate by 10%, it is **16, 51.326, 309.806**.

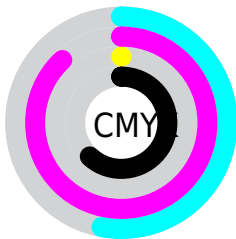
Distribution



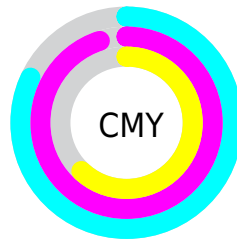
- Red (18%)
- Green (5%)
- Blue (38%)



- Red (18%)
- Yellow (5%)
- Blue (38%)



- Cyan (53%)
- Magenta (88%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 56.752, 310.090 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, 56.752, 310.090 by changing the saturation by 10% instead.

■ 14, 56.752,
310.090

■ 14, 56.752,
310.090

■ 100, 56.752,
310.090

■ 4, 56.752, 310.090

■ 34, 56.752,
310.090

■ 0, 56.752, 310.090

■ 44, 56.752,
310.090


■ 54, 56.752,
310.090


■ 64, 56.752,
310.090


■ 74, 56.752,
310.090


■ 84, 56.752,


310.090


 94, 56.752,
310.090


 14, 56.752,
310.090


 14, 56.752,
310.090


 12, 61.608,
310.320


 16, 51.326,
309.806

 11, 62.856,
310.441

 19, 45.044,
309.305

 22, 38.319,
308.692

 25, 31.436,
308.038

 29, 24.567,
307.390

■ 32, 17.810,
306.774

■ 36, 11.216,
306.205

■ 39, 4.808, 305.684

■ 42, 1.407, 125.267

Harmonies

Complementary

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



14, 56.752, 310.090



38, 48.071, 122.679

Rectangle

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



14, 56.752, 310.090



14, 56.752, 0.090



14, 56.752, 130.090



14, 56.752, 180.090

Sweetspot

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



14, 56.752, 310.091



42, 20.719, 306.720



26, 24.401, 261.586



20, 13.967, 306.855



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



14, 56.752, 310.091



17, 76.014, 310.120



21, 54.269, 324.056



18, 3.474, 305.742



14, 69.254, 310.267



35, 121.962, 309.612

Inverse Universe

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



21, 41.801, 348.049



27, 52.683, 351.469



36, 54.739, 135.652



18, 3.066, 338.992



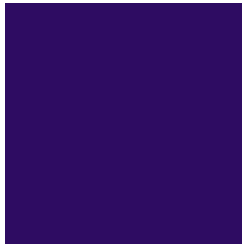
23, 48.195, 351.040



52, 83.323, 353.059

Previews

White Background



This preview shows how the CIE LCh color 14, 56.752, 310.090 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, 56.752, 310.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

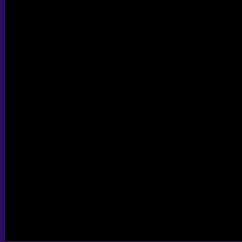
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 56.752, 310.090

Background



This preview shows how black text looks on a background with the CIELCh color 14, 56.752, 310.090.



This preview shows how white text looks on a background with the CIELCh color 14, 56.752, 310.090.

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, 56.752, 310.090

Protanopia

14, 28.780, 281.828

Deuteranopia

15, 20.202, 265.486



Tritanopia
15, 5.237, 222.510

Trichromacy



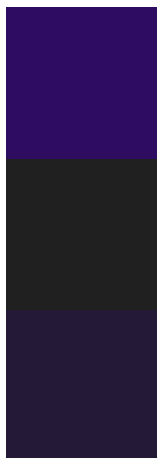
Original Color
14, 56.752, 310.090

Protanomaly
13, 40.404, 297.274

Deuteranomaly
13, 34.239, 294.213

Tritanomaly
13, 23.778, 301.765

Monochromacy



Original Color
14, 56.752, 310.090

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 22.939, 307.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 56.752, 310.090 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(46, 12, 98)` looks like.

```
.text, #text, p{  
    color:rgb(46, 12, 98)  
}
```

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(46, 12, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 12, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 56.752, 310.090 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(46, 12, 98) }
```

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

```
.border{ border-color:rgb(46, 12, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 12, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 12, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 12, 98);  
box-shadow:4px 4px 4px 4px rgb(46, 12, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 56.752, 310.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 12, 98) }
```

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

```
.background{ background-color: rgb(46, 12,  
98) }
```

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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