

Converting Colors

CIELCh(14, 56.789, 303.483)

Have a look what the booklet for
CIELCh(14, 56.789, 303.483)
contains.

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Color

CIELCh(14, 56.707, 303.478)

Conversions

Conversions Part 1

Format	Color
Hex	191568
RGB	25, 21, 104
RGB Percent	10%, 8%, 41%
CMY	0.9030, 0.9183, 0.5929
CMYK	0.76, 0.80, 0.00, 0.59
HSL	243°, 67%, 24%
HSV	243°, 80%, 41%
XYZ	3.1491, 1.7298, 13.2155
YIQ	31.6580, -24.2590, 26.6610

Conversions

Conversions Part 2

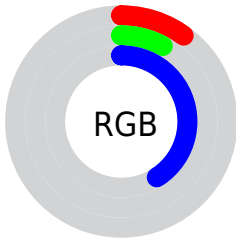
Format	Color
R_{YB}	25, 21, 104
Decimal	1643880
CIE _{Lab}	14.00, 31.28, -47.30
CIE _{LCh}	14, 56.707, 303.478
Yxy	1.7298, 0.1740, 0.0956
Android (android.graphics.Color)	4279833960 (0xFF191568)
YUV	31.6580, 35.6646, -5.8391
Hunter-Lab	13.1521, 19.7238, -50.3692




Details

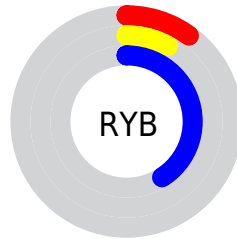
The CIELCh color **14, 56.707, 303.478** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **42, 44.513, 106.089**, and the grayscale version is **12, 0.003, 296.813**.



A 20% lighter version of the original color is **34, 56.737, 303.577**, and **3, 37.257, 298.404** is the 20% darker color. If you saturate the color by 10%, you get **11, 62.956, 305.003**, and if you desaturate by 10%, it is **17, 49.419, 301.680**.

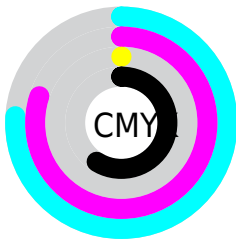
Distribution







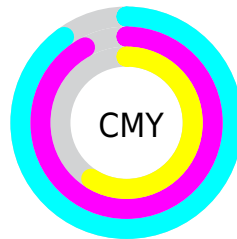
-  Red (10%)
-  Green (8%)
-  Blue (41%)






-  Red (10%)
-  Yellow (8%)
-  Blue (41%)



-  Cyan (76%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (90%)
-  Magenta (92%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 56.707, 303.478 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, 56.707, 303.478 by changing the saturation by 10% instead.

■ 14, 56.707,
303.478

■ 14, 56.707,
303.478

■ 100, 56.707,
303.478

■ 4, 56.707, 303.478

■ 34, 56.707,
303.478

■ 0, 56.707, 303.478

■ 44, 56.707,
303.478

■ 54, 56.707,
303.478

■ 64, 56.707,
303.478


■ 74, 56.707,
303.478


■ 84, 56.707,

303.478

 94, 56.707,
303.478


 14, 56.707,
303.478

 14, 56.707,
303.478


 11, 62.956,
305.003


 17, 49.419,
301.680


 9, 68.779, 306.546

 21, 41.789,
299.838

 9, 68.831, 306.560

 24, 34.202,
298.096

 28, 26.824,
296.523

 32, 19.710,
295.141

■ 36, 12.869,
293.943

■ 40, 6.290, 292.913

■ 44, 0.043, 111.351

■ 48, 6.147, 111.253

Harmonies

Complementary

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



14, 56.707, 303.478



42, 44.513, 106.089

Rectangle

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



14, 56.707, 303.478



14, 56.707, 353.478



14, 56.707, 123.478



14, 56.707, 173.478

Sweetspot

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



14, 56.708, 303.479



45, 19.433, 294.491



39, 23.175, 200.930



21, 13.525, 294.816



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



14, 56.708, 303.479



15, 80.959, 305.982



19, 54.505, 313.435



19, 3.502, 292.817



11, 73.929, 306.531



31, 128.508, 306.386

Inverse Universe

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



25, 52.346, 329.512



32, 68.748, 330.039



39, 49.252, 127.483



20, 4.096, 326.165



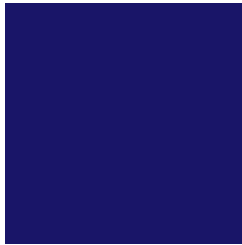
26, 61.878, 330.108



57, 107.077, 330.228

Previews

White Background



This preview shows how the CIE LCh color 14, 56.707, 303.478 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 14, 56.707, 303.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

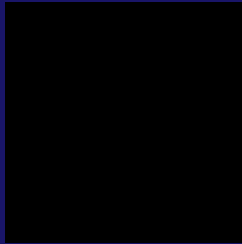
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 56.707, 303.478

Background



This preview shows how black text looks on a background with the CIELCh color 14, 56.707, 303.478.



This preview shows how white text looks on a background with the CIELCh color 14, 56.707, 303.478.

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, 56.707, 303.478

Protanopia

14, 28.137, 281.107

Deuteranopia

14, 20.170, 266.208



Tritanopia
14, 13.761, 202.532

Trichromacy



Original Color
14, 56.707, 303.478

Protanomaly
13, 38.943, 293.863

Deuteranomaly
13, 32.789, 289.740

Tritanomaly
13, 22.719, 279.135

Monochromacy



Original Color
14, 56.707, 303.478

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 21.827, 298.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 56.707, 303.478 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(25, 21, 104)` looks like.

```
.text, #text, p{  
    color:rgb(25, 21, 104)  
}
```

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(25, 21, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 21, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 56.707, 303.478 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(25, 21, 104) }
```

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

```
.border{ border-color:rgb(25, 21, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 21, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 21, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 21, 104);  
box-shadow:4px 4px 4px 4px rgb(25, 21,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 56.707, 303.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 21, 104) }
```

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

```
.background{ background-color: rgb(25, 21,  
104) }
```

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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