

Converting Colors

CIELCh(14, 54.803, 303.876)

Have a look what the booklet for
CIELCh(14, 54.803, 303.876)
contains.

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Color

CIELCh(14, 54.803, 303.876)

Conversions

Conversions Part 1

Format	Color
Hex	1C1565
RGB	28, 21, 101
RGB Percent	11%, 8%, 40%
CMY	0.8897, 0.9173, 0.6035
CMYK	0.72, 0.79, 0.00, 0.60
HSL	245°, 65%, 24%
HSV	245°, 79%, 40%
XYZ	3.1062, 1.7298, 12.5081
YIQ	32.2130, -21.5080, 26.3640

Conversions

Conversions Part 2

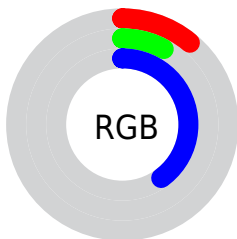
Format	Color
RYB	28, 21, 101
Decimal	1840485
CIELab	14.00, 30.55, -45.50
CIELCh	14, 54.803, 303.876
Yxy	1.7298, 0.1791, 0.0997
Android (android.graphics.Color)	4280030565 (0xFF1C1565)
YUV	32.2130, 33.9120, -3.6948
Hunter-Lab	13.1521, 19.1409, -47.1805

Details

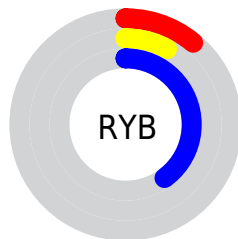
The CIELCh color **14, 54.803, 303.876** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **41, 43.430, 108.247**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 54.996, 303.931**, and **3, 34.825, 297.194** is the 20% darker color. If you saturate the color by 10%, you get **11, 61.012, 305.248**, and if you desaturate by 10%, it is **17, 47.682, 302.270**.

Distribution



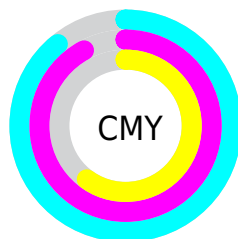
- Red (11%)
- Green (8%)
- Blue (40%)



- Red (11%)
- Yellow (8%)
- Blue (40%)



- Cyan (72%)
- Magenta (79%)
- Yellow (0%)
- Black (60%)



- Cyan (89%)
- Magenta (92%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 54.803, 303.876 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, 54.803, 303.876 by changing the saturation by 10% instead.

■ 14, 54.803,
303.876

■ 14, 54.803,
303.876

■ 100, 54.803,
303.876

■ 4, 54.803, 303.876

■ 34, 54.803,
303.876

■ 0, 54.803, 303.876

■ 44, 54.803,
303.876

■ 54, 54.803,
303.876

■ 64, 54.803,
303.876

■ 74, 54.803,
303.876

■ 84, 54.803,

303.876

■ 94, 54.803,
303.876

■ 14, 54.803,
303.876

■ 14, 54.803,
303.876

■ 11, 61.012,
305.248

■ 17, 47.682,
302.270

■ 9, 66.746, 306.665

■ 21, 40.265,
300.627

■ 9, 67.289, 306.815

■ 24, 32.890,
299.072

■ 28, 25.708,
297.662

■ 32, 18.774,
296.416

■ 36, 12.099,
295.331

■ 39, 5.674, 294.393

■ 43, 0.514, 113.542

■ 47, 6.480, 112.876

Harmonies

Complementary

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



14, 54.803, 303.876



41, 43.430, 108.247

Rectangle

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



14, 54.803, 303.876



14, 54.803, 353.876



14, 54.803, 123.876



14, 54.803, 173.876

Sweetspot

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



14, 54.803, 303.877



44, 19.155, 295.916



36, 21.512, 208.069



20, 13.117, 296.199



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



14, 54.803, 303.877



15, 79.001, 306.100



19, 52.786, 314.821



19, 3.507, 294.374



11, 73.679, 306.745



31, 128.258, 306.507

Inverse Universe

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



24, 49.586, 330.994



31, 65.549, 331.767



38, 48.606, 129.057



20, 3.982, 327.367



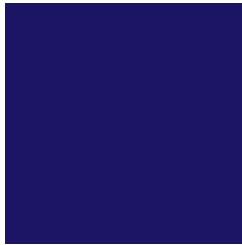
26, 59.989, 331.910



56, 103.615, 332.156

Previews

White Background



This preview shows how the CIE LCh color 14, 54.803, 303.876 looks on a white background.

Color Contrast Check

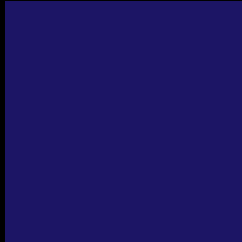
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.803, 303.876 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, 54.803, 303.876

Background



This preview shows how black text looks on a background with the CIELCh color 14, 54.803, 303.876.



This preview shows how white text looks on a background with the CIELCh color 14, 54.803, 303.876.

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, 54.803, 303.876

Protanopia

14, 28.836, 282.392

Deuteranopia

14, 19.614, 264.715



Tritanopia
14, 13.761, 202.532

Trichromacy



Original Color
14, 54.803, 303.876

Protanomaly
13, 38.268, 293.754

Deuteranomaly
13, 32.102, 289.552

Tritanomaly
13, 22.029, 278.649

Monochromacy



Original Color
14, 54.803, 303.876

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 21.044, 299.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 54.803, 303.876 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(28, 21, 101)` looks like.

```
.text, #text, p{  
    color:rgb(28, 21, 101)  
}
```

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(28, 21, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 21, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 54.803, 303.876 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(28, 21, 101) }
```

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

```
.border{ border-color:rgb(28, 21, 101) }
```

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

Here you see how a box with a 4 pixel rgb(28, 21, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 21, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 21, 101);  
box-shadow:4px 4px 4px 4px rgb(28, 21,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 54.803, 303.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 21, 101) }
```

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

```
.background{ background-color: rgb(28, 21,  
101) }
```

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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