

Converting Colors

CIELCh(14, 61.081, 307.179)

Have a look what the booklet for
CIELCh(14, 61.081, 307.179)
contains.

CIELCh(14, 61.053, 307.086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(14, 61.053, 307.086)

Conversions

Conversions Part 1

Format	Color
Hex	240E6A
RGB	36, 14, 106
RGB Percent	14%, 5%, 42%
CMY	0.8588, 0.9451, 0.5843
CMYK	0.66, 0.87, 0.00, 0.58
HSL	254°, 77%, 24%
HSV	254°, 87%, 42%
XYZ	3.4861, 1.7298, 13.7859
YIQ	31.0660, -16.4200, 33.2760

Conversions

Conversions Part 2

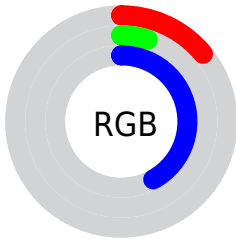
Format	Color
R_YB	36, 14, 106
Decimal	2362986
CIE _{Lab}	14.00, 36.82, -48.70
CIE _{LCh}	14, 61.053, 307.086
Yxy	1.7298, 0.1835, 0.0910
Android (android.graphics.Color)	4280553066 (0xFF240E6A)
YUV	31.0660, 36.9425, 4.3271
Hunter-Lab	13.1521, 24.2974, -52.9407

Details

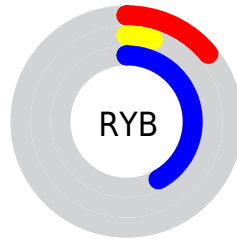
The CIELCh color **14, 61.053, 307.086** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **42, 48.767, 115.757**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 61.069, 307.293**, and **3, 38.546, 299.108** is the 20% darker color. If you saturate the color by 10%, you get **12, 66.449, 307.726**, and if you desaturate by 10%, it is **17, 54.712, 306.290**.

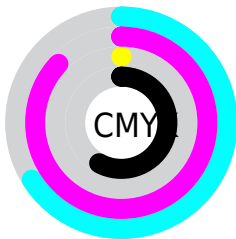
Distribution



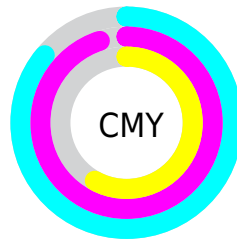
- Red (14%)
- Green (5%)
- Blue (42%)



- Red (14%)
- Yellow (5%)
- Blue (42%)



- Cyan (66%)
- Magenta (87%)
- Yellow (0%)
- Black (58%)



- Cyan (86%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 61.053, 307.086 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, 61.053, 307.086 by changing the saturation by 10% instead.

■ 14, 61.053,
307.086

■ 14, 61.053,
307.086

■ 100, 61.053,
307.086

■ 4, 61.053, 307.086

■ 34, 61.053,
307.086

■ 0, 61.053, 307.086

■ 44, 61.053,
307.086


■ 54, 61.053,
307.086


■ 64, 61.053,
307.086


■ 74, 61.053,
307.086


■ 84, 61.053,

307.086


 94, 61.053,
307.086

 14, 61.053,
307.086


 14, 61.053,
307.086


 12, 66.449,
307.726


 17, 54.712,
306.290

 11, 68.345,
308.041

 20, 47.547,
305.294

 23, 40.063,
304.236

 27, 32.561,
303.203

 31, 25.195,
302.240

■ 35, 18.035,
301.368

■ 38, 11.108,
300.592

■ 42, 4.418, 299.907

■ 46, 2.041, 119.321

Harmonies

Complementary

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



14, 61.053, 307.086



42, 48.767, 115.757

Rectangle

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



14, 61.053, 307.086



14, 61.053, 357.086



14, 61.053, 127.086



14, 61.053, 177.086

Sweetspot

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



14, 61.054, 307.087



45, 21.691, 301.362



33, 22.027, 235.827



21, 14.656, 301.566



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, 61.054, 307.087



16, 82.698, 307.812



21, 57.743, 319.187



20, 3.699, 300.049



13, 73.542, 307.944



33, 127.358, 307.490

Inverse Universe

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



24, 48.495, 338.434



30, 61.074, 340.269



39, 55.925, 133.036



21, 3.730, 332.444



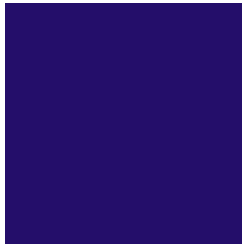
25, 54.555, 340.029



55, 92.977, 340.916

Previews

White Background



This preview shows how the CIE LCh color 14, 61.053, 307.086 looks on a white background.

Color Contrast Check

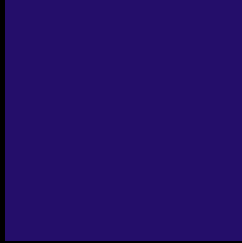
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.053, 307.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

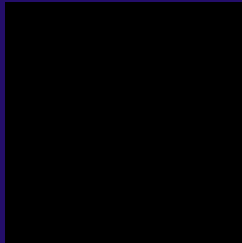
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 61.053, 307.086

Background



This preview shows how black text looks on a background with the CIELCh color 14, 61.053, 307.086.



This preview shows how white text looks on a background with the CIELCh color 14, 61.053, 307.086.

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, 61.053, 307.086

Protanopia

14, 28.780, 281.828

Deuteranopia

15, 20.202, 265.486



Tritanopia
14, 13.655, 205.695

Trichromacy



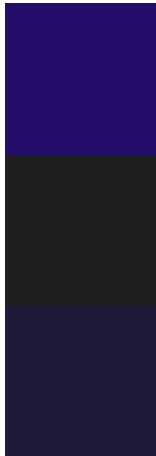
Original Color
14, 61.053, 307.086

Protanomaly
13, 41.692, 296.421

Deuteranomaly
13, 35.563, 293.181

Tritanomaly
12, 26.047, 286.636

Monochromacy



Original Color
14, 61.053, 307.086

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 24.172, 303.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 61.053, 307.086 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(36, 14, 106)` looks like.

```
.text, #text, p{  
    color:rgb(36, 14, 106)  
}
```

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(36, 14, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 14, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 61.053, 307.086 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(36, 14, 106) }
```

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

```
.border{ border-color:rgb(36, 14, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 14, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 14, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 14, 106);  
box-shadow:4px 4px 4px 4px rgb(36, 14,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 61.053, 307.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 14, 106) }
```

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

```
.background{ background-color: rgb(36, 14,  
106) }
```

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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