

Converting Colors

CIELCh(14, 62.700, 313.654)

Have a look what the booklet for
CIELCh(14, 62.700, 313.654)
contains.

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Color

CIELCh(14, 62.295, 313.600)

Conversions

Conversions Part 1

Format	Color
Hex	370065
RGB	55, 0, 101
RGB Percent	22%, 0%, 40%
CMY	0.7856, 1.0000, 0.6052
CMYK	0.46, 1.00, 0.00, 0.61
HSL	273°, 100%, 20%
HSV	273°, 100%, 39%
XYZ	3.8874, 1.7298, 12.3591
YIQ	27.9590, 0.3590, 43.0710

Conversions

Conversions Part 2

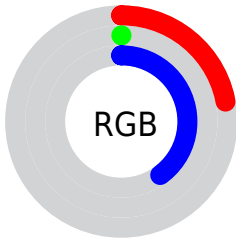
Format	Color
R_{YB}	55, 0, 101
Decimal	3604581
CIE _{Lab}	14.00, 42.96, -45.11
CIE _{LCh}	14, 62.295, 313.600
Yxy	1.7298, 0.2163, 0.0962
Android (android.graphics.Color)	4281794661 (0xFF370065)
YUV	27.9590, 36.0092, 23.7150
Hunter-Lab	13.1521, 29.7435, -46.5086

Details

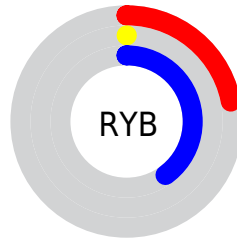
The CIELCh color **14, 62.295, 313.600** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **38, 55.386, 128.459**, and the grayscale version is **10, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 62.586, 313.683**, and **2, 35.289, 297.538** is the 20% darker color. If you saturate the color by 10%, you get **14, 62.175, 313.565**, and if you desaturate by 10%, it is **16, 57.850, 313.625**.

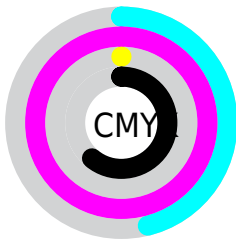
Distribution



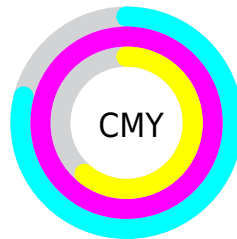
- Red (22%)
- Green (0%)
- Blue (40%)



- Red (22%)
- Yellow (0%)
- Blue (40%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (79%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 62.295, 313.600 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, 62.295, 313.600 by changing the saturation by 10% instead.

■ 14, 62.295,
313.600

■ 14, 62.295,
313.600

■ 100, 62.295,
313.600

■ 4, 62.295, 313.600

■ 34, 62.295,
313.600

■ 0, 62.295, 313.600

■ 44, 62.295,
313.600

■ 54, 62.295,
313.600

■ 64, 62.295,
313.600

■ 74, 62.295,
313.600


■ 84, 62.295,


313.600


 94, 62.295,
313.600


 14, 62.295,
313.600


 14, 62.295,
313.600


 14, 62.175,
313.565

 16, 57.850,
313.625

 18, 53.191,
313.697

 21, 47.445,
313.528

 23, 41.002,
313.200

 26, 34.179,
312.781

■ 29, 27.205,
312.319

■ 33, 20.228,
311.848

■ 36, 13.338,
311.387

■ 39, 6.588, 310.947

Harmonies

Complementary

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



14, 62.295, 313.600



38, 55.386, 128.459

Rectangle

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



14, 62.295, 313.600



14, 62.295, 3.600



14, 62.295, 133.600



14, 62.295, 183.600

Sweetspot

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



14, 62.175, 313.565



42, 24.985, 311.888



20, 36.786, 284.428



20, 17.228, 312.029



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, 62.175, 313.565



20, 74.809, 313.250



22, 57.012, 329.523



19, 3.734, 310.901



17, 68.300, 313.395



40, 119.124, 312.727

Inverse Universe

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



20, 42.776, 3.216



27, 51.264, 4.614



36, 59.763, 136.563



19, 2.895, 346.699



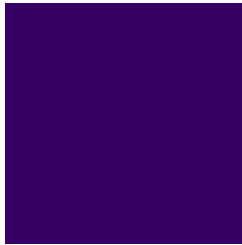
23, 46.886, 3.964



52, 81.209, 7.024

Previews

White Background



This preview shows how the CIE LCh color 14, 62.295, 313.600 looks on a white background.

Color Contrast Check

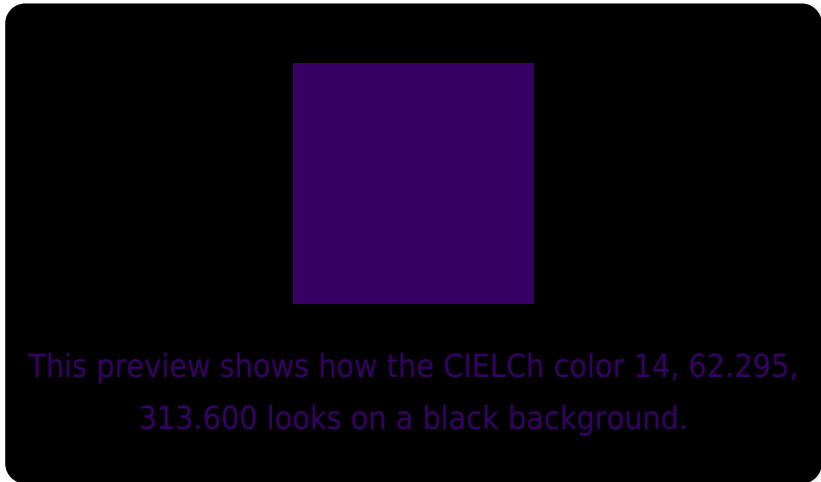
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 62.295, 313.600

Background



This preview shows how black text looks on a background with the CIELCh color 14, 62.295, 313.600.



This preview shows how white text looks on a background with the CIELCh color 14, 62.295, 313.600.

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, 62.295, 313.600

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 21.374, 266.887



Tritanopia
16, 2.168, 303.351

Trichromacy



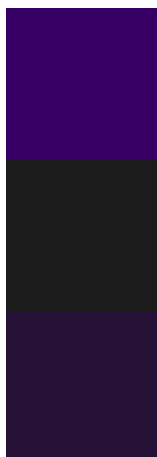
Original Color
14, 62.295, 313.600

Protanomaly
13, 45.127, 300.228

Deuteranomaly
12, 39.121, 298.140

Tritanomaly
13, 27.923, 312.540

Monochromacy



Original Color
14, 62.295, 313.600

Achromatopsia
10, 0.003, 296.813

Achromatomaly
10, 27.141, 313.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 62.295, 313.600 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(55, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 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(55, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 62.295, 313.600 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(55, 0, 101) }
```

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

```
.border{ border-color:rgb(55, 0, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(55, 0, 101)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 62.295, 313.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 101) }
```

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

```
.background{ background-color: rgb(55, 0,  
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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