

Converting Colors

CIELCh(14, 58.832, 300.591)

Have a look what the booklet for
CIELCh(14, 58.832, 300.591)
contains.

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Color

CIELCh(14, 59.144, 300.692)

Conversions

Conversions Part 1

Format	Color
Hex	00176D
RGB	0, 23, 109
RGB Percent	0%, 9%, 43%
CMY	0.9983, 0.9092, 0.5718
CMYK	1.00, 0.79, 0.00, 0.57
HSL	227°, 99%, 21%
HSV	227°, 100%, 43%
XYZ	3.0853, 1.7298, 14.6927
YIQ	25.9270, -41.3140, 21.8700

Conversions

Conversions Part 2

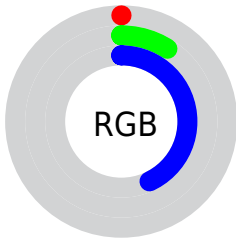
Format	Color
RYB	0, 19, 109
Decimal	5997
CIELab	14.00, 30.19, -50.86
CIELCh	14, 59.144, 300.692
Yxy	1.7298, 0.1582, 0.0887
Android (android.graphics.Color)	4278196077 (0xFF00176D)
YUV	25.9270, 40.9550, -22.7380
Hunter-Lab	13.1521, 18.8578, -57.0287

Details

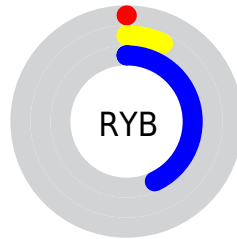
The CIELCh color **14, 59.144, 300.692** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **38, 45.651, 88.003**, and the grayscale version is **9, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 59.663, 300.767**, and **4, 39.595, 299.514** is the 20% darker color. If you saturate the color by 10%, you get **14, 59.389, 300.783**, and if you desaturate by 10%, it is **17, 52.938, 298.132**.

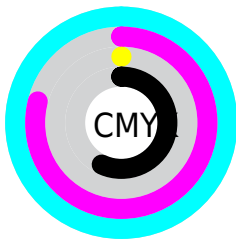
Distribution



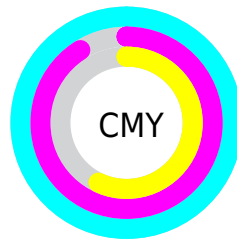
- Red (0%)
- Green (9%)
- Blue (43%)



- Red (0%)
- Yellow (7%)
- Blue (43%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 59.144, 300.692 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, 59.144, 300.692 by changing the saturation by 10% instead.

■ 14, 59.144,
300.692

■ 14, 59.144,
300.692

■ 100, 59.144,
300.692

■ 4, 59.144, 300.692

■ 34, 59.144,
300.692

■ 0, 59.144, 300.692

■ 44, 59.144,
300.692


■ 54, 59.144,
300.692

■ 64, 59.144,
300.692


■ 74, 59.144,
300.692

■ 84, 59.144,


300.692


 94, 59.144,
300.692


 14, 59.144,
300.692


 14, 59.144,
300.692


 14, 59.389,
300.783

 17, 52.938,
298.132

 19, 46.483,
295.254

 22, 40.033,
292.456

 26, 33.734,
289.871

 29, 27.633,
287.561

■ 32, 21.729,
285.537

■ 36, 16.007,
283.784

■ 39, 10.453,
282.273

■ 43, 5.052, 280.977

Harmonies

Complementary

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



14, 59.144, 300.692



38, 45.651, 88.003

Rectangle

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



14, 59.144, 300.692



14, 59.144, 350.692



14, 59.144, 120.692



14, 59.144, 170.692

Sweetspot

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



14, 59.145, 300.693



46, 20.259, 283.986



41, 33.500, 170.246



22, 13.787, 284.517



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



14, 59.145, 300.693



20, 73.889, 301.579



12, 69.086, 308.516



21, 2.910, 280.900



15, 62.968, 301.020



36, 114.101, 302.606

Inverse Universe

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



21, 48.187, 25.680



29, 59.393, 27.528



42, 54.123, 118.389



21, 2.644, 3.296



23, 51.065, 26.332



51, 90.407, 29.837

Previews

White Background



This preview shows how the CIELCh color 14, 59.144, 300.692 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, 59.144, 300.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

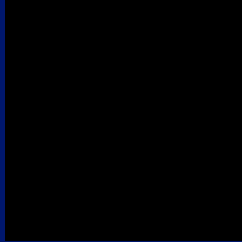
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 59.144, 300.692

Background



This preview shows how black text looks on a background with the CIELCh color 14, 59.144, 300.692.



This preview shows how white text looks on a background with the CIELCh color 14, 59.144, 300.692.

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, 59.144, 300.692

Protanopia

14, 28.780, 281.828

Deuteranopia

15, 20.202, 265.486

Trichromacy



Original Color
14, 59.144, 300.692

Protanomaly
14, 40.313, 292.494

Deuteranomaly
14, 34.217, 288.047

Monochromacy



Original Color
14, 59.144, 300.692

Achromatopsia
9, 0.003, 296.813

Achromatomaly
10, 22.868, 290.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 59.144, 300.692 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(0, 23, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 109)  
}
```

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(0, 23, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 59.144, 300.692 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(0, 23, 109) }
```

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

```
.border{ border-color:rgb(0, 23, 109) }
```

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

Here you see how a box with a 4 pixel rgb(0, 23, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 23, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 23, 109)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 59.144, 300.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 109) }
```

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

```
.background{ background-color: rgb(0, 23,  
109) }
```

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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