

Converting Colors

CIELCh(14, 44.254, 304.614)

Have a look what the booklet for
CIELCh(14, 44.254, 304.614)
contains.

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Color

CIELCh(14, 44.584, 304.606)

Conversions

Conversions Part 1

Format	Color
Hex	241858
RGB	36, 24, 88
RGB Percent	14%, 9%, 35%
CMY	0.8590, 0.9060, 0.6551
CMYK	0.59, 0.73, 0.00, 0.66
HSL	251°, 57%, 22%
HSV	251°, 73%, 34%
XYZ	2.8114, 1.7298, 9.4086
YIQ	34.8840, -13.3920, 22.4480

Conversions

Conversions Part 2

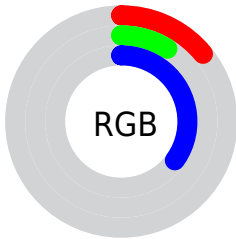
Format	Color
R_YB	36, 24, 88
Decimal	2365528
CIE Lab	14.00, 25.32, -36.70
CIE LCh	14, 44.584, 304.606
Yxy	1.7298, 0.2015, 0.1240
Android (android.graphics.Color)	4280555608 (0xFF241858)
YUV	34.8840, 26.1862, 0.9787
Hunter-Lab	13.1521, 15.1397, -33.2077

Details

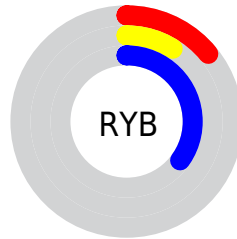
The CIELCh color **14, 44.584, 304.606** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **35, 37.013, 113.341**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 44.801, 304.608**, and **2, 24.403, 291.542** is the 20% darker color. If you saturate the color by 10%, you get **11, 50.619, 305.720**, and if you desaturate by 10%, it is **17, 38.154, 303.399**.

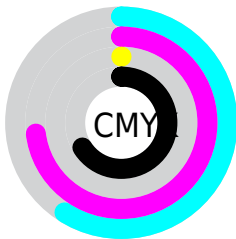
Distribution



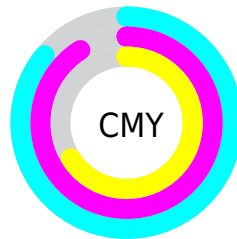
- Red (14%)
- Green (9%)
- Blue (35%)



- Red (14%)
- Yellow (9%)
- Blue (35%)



- Cyan (59%)
- Magenta (73%)
- Yellow (0%)
- Black (66%)



- Cyan (86%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 44.584, 304.606 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, 44.584, 304.606 by changing the saturation by 10% instead.

 14, 44.584,
304.606

 14, 44.584,
304.606

 100, 44.584,
304.606

 4, 44.584, 304.606

 34, 44.584,
304.606

 0, 44.584, 304.606

 44, 44.584,
304.606

 54, 44.584,
304.606

 64, 44.584,
304.606

 74, 44.584,
304.606


 84, 44.584,

304.606

 94, 44.584,
304.606


 14, 44.584,
304.606

 14, 44.584,
304.606


 11, 50.619,
305.720


 17, 38.154,
303.399


 9, 55.950, 306.672

 20, 31.650,
302.206

 7, 60.218, 307.657

 23, 25.241,
301.089

 27, 19.004,
300.076

 30, 12.970,
299.173

■ 33, 7.144, 298.378

■ 36, 1.521, 297.681

■ 40, 3.908, 117.078

■ 43, 9.154, 116.550

Harmonies

Complementary

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



14, 44.584, 304.606



35, 37.013, 113.341

Rectangle

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



14, 44.584, 304.606



14, 44.584, 354.606



14, 44.584, 124.606



14, 44.584, 174.606

Sweetspot

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



14, 44.584, 304.607



39, 15.612, 299.171



30, 17.534, 223.039



19, 10.604, 299.307



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



14, 44.584, 304.607



15, 65.563, 306.366



18, 44.013, 317.717



16, 3.076, 298.088



11, 69.365, 307.502



31, 124.110, 307.060

Inverse Universe

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



21, 39.456, 334.594



26, 53.367, 335.856



33, 41.973, 131.992



16, 3.236, 330.553



23, 53.124, 336.863



53, 93.589, 337.569

Previews

White Background



This preview shows how the CIELCh color 14, 44.584, 304.606 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, 44.584, 304.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

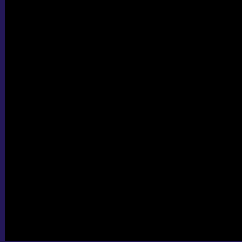
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 44.584, 304.606

Background



This preview shows how black text looks on a background with the CIELCh color 14, 44.584, 304.606.



This preview shows how white text looks on a background with the CIELCh color 14, 44.584, 304.606.

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, 44.584, 304.606

Protanopia

14, 28.189, 281.683

Deuteranopia

14, 20.142, 266.939



Tritanopia
14, 9.594, 210.389

Trichromacy



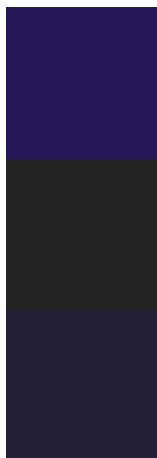
Original Color
14, 44.584, 304.606

Protanomaly
13, 34.135, 292.010

Deuteranomaly
13, 28.683, 288.108

Tritanomaly
13, 18.072, 282.961

Monochromacy



Original Color
14, 44.584, 304.606

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 16.627, 300.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 44.584, 304.606 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, 24, 88)` looks like.

```
.text, #text, p{  
    color:rgb(36, 24, 88)  
}
```

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, 24, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 24, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 44.584, 304.606 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, 24, 88) }
```

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

```
.border{ border-color:rgb(36, 24, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 24, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 24, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 24, 88);  
box-shadow:4px 4px 4px 4px rgb(36, 24, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 44.584, 304.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 24, 88) }
```

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

```
.background{ background-color: rgb(36, 24,  
88) }
```

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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