

Converting Colors

CIELCh(14, 34.134, 287.719)

Have a look what the booklet for
CIELCh(14, 34.134, 287.719)
contains.

CIELCh(14, 34.130, 287.562)	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, 34.130, 287.562)

Conversions

Conversions Part 1	
Format	Color
Hex	002252
RGB	0, 34, 82
RGB Percent	0%, 13%, 32%
CMY	1.0000, 0.8677, 0.6797
CMYK	1.00, 0.59, 0.00, 0.68
HSL	215°, 100%, 16%
HSV	215°, 100%, 32%
XYZ	2.0690, 1.7298, 8.1430
YIQ	29.3060, -35.6720, 7.7200

Conversions

Conversions Part 2

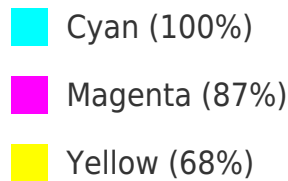
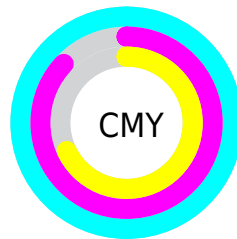
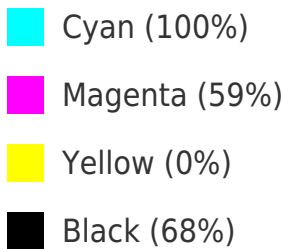
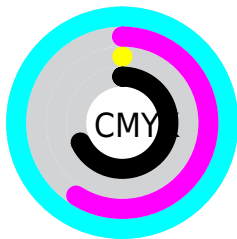
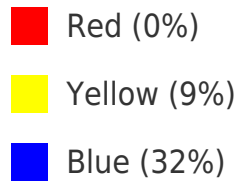
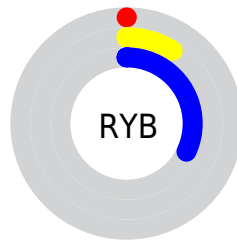
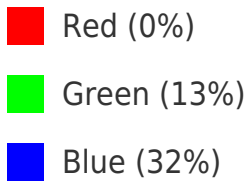
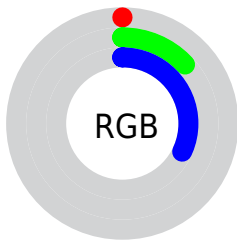
Format	Color
RYB	0, 24, 82
Decimal	8786
CIELab	14.00, 10.30, -32.54
CIELCh	14, 34.130, 287.562
Yxy	1.7298, 0.1733, 0.1449
Android (android.graphics.Color)	4278198866 (0xFF002252)
YUV	29.3060, 25.9781, -25.7014
Hunter-Lab	13.1521, 5.0646, -27.5026

Details

The CIELCh color **14, 34.130, 287.562** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23, 34.812, 70.595**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 33.882, 287.452**, and **2, 20.896, 290.401** is the 20% darker color. If you saturate the color by 10%, you get **14, 34.119, 287.669**, and if you desaturate by 10%, it is **16, 30.452, 284.572**.


Distribution





Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 34.130, 287.562 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, 34.130, 287.562 by changing the saturation by 10% instead.

 14, 34.130,
287.562


 14, 34.130,
287.562

 100, 34.130,
287.562

 4, 34.130, 287.562

 34, 34.130,
287.562

 0, 34.130, 287.562

 44, 34.130,
287.562


 54, 34.130,
287.562

 64, 34.130,
287.562


 74, 34.130,
287.562

 84, 34.130,


287.562


 94, 34.130,
287.562


 14, 34.130,
287.562


 14, 34.130,
287.562


 14, 34.119,
287.669

 16, 30.452,
284.572

 18, 26.927,
281.095

 20, 23.474,
277.889

 22, 20.071,
275.029

 24, 16.696,
272.522

■ 26, 13.337,
270.347

■ 28, 9.988, 268.471

■ 30, 6.647, 266.858

■ 33, 3.318, 265.481

Harmonies

Complementary

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



14, 34.130, 287.562



23, 34.812, 70.595

Rectangle

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



14, 34.130, 287.562



14, 34.130, 337.562



14, 34.130, 107.562



14, 34.130, 157.562

Sweetspot

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



14, 34.119, 287.669



37, 12.496, 268.661



30, 34.189, 155.893



17, 8.429, 269.082



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



14, 34.119, 287.669



20, 42.757, 289.290



6, 57.055, 306.367



15, 1.853, 265.323



19, 41.910, 289.163



44, 80.736, 292.107

Inverse Universe

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



15, 36.933, 5.748



21, 44.596, 7.633



33, 42.574, 107.551



15, 2.329, 349.270



21, 43.841, 7.480



50, 78.912, 11.245

Previews

White Background



This preview shows how the CIELCh color 14, 34.130, 287.562 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, 34.130, 287.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

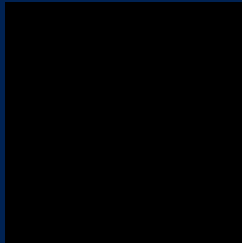
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 34.130, 287.562

Background



This preview shows how black text looks on a background with the CIELCh color 14, 34.130, 287.562.



This preview shows how white text looks on a background with the CIELCh color 14, 34.130, 287.562.

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, 34.130, 287.562

Protanopia

14, 28.836, 282.392

Deuteranopia

14, 20.736, 267.623



Tritanopia
14, 13.761, 202.532

Trichromacy



Original Color
14, 34.130, 287.562

Protanomaly
14, 30.134, 283.718

Deuteranomaly
14, 25.589, 277.866

Tritanomaly
14, 16.562, 253.809

Monochromacy



Original Color
14, 34.130, 287.562

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 13.021, 272.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 34.130, 287.562 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, 34, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 34, 82)  
}
```

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, 34, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 34, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 34.130, 287.562 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, 34, 82) }
```

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

```
.border{ border-color:rgb(0, 34, 82) }
```

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

Here you see how a box with a 4 pixel rgb(0, 34, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 34, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 34, 82); box-shadow:4px  
4px 4px 4px rgb(0, 34, 82) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 34.130, 287.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 34, 82) }
```

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

```
.background{ background-color: rgb(0, 34,  
82) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor