

Converting Colors

CIELCh(14, 35.471, 309.221)

Have a look what the booklet for
CIELCh(14, 35.471, 309.221)
contains.

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Color

CIELCh(14, 35.533, 309.227)

Conversions

Conversions Part 1

Format	Color
Hex	2D194B
RGB	45, 25, 75
RGB Percent	18%, 10%, 29%
CMY	0.8252, 0.9034, 0.7075
CMYK	0.40, 0.67, 0.00, 0.71
HSL	264°, 50%, 19%
HSV	264°, 67%, 29%
XYZ	2.6588, 1.7298, 6.7743
YIQ	36.6800, -4.1300, 19.7900

Conversions

Conversions Part 2

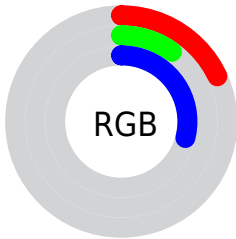
Format	Color
RYB	45, 25, 75
Decimal	2955595
CIELab	14.00, 22.47, -27.53
CIELCh	14, 35.533, 309.227
Yxy	1.7298, 0.2382, 0.1550
Android (android.graphics.Color)	4281145675 (0xFF2D194B)
YUV	36.6800, 18.8918, 7.2966
Hunter-Lab	13.1521, 13.0688, -21.3321

Details

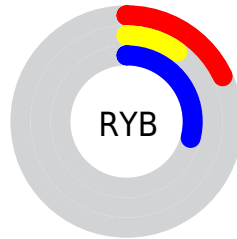
The CIELCh color **14, 35.533, 309.227** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **29, 31.632, 122.683**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 35.510, 309.191**, and **1, 16.134, 288.610** is the 20% darker color. If you saturate the color by 10%, you get **12, 40.686, 309.747**, and if you desaturate by 10%, it is **16, 30.119, 308.627**.

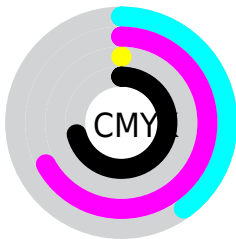
Distribution



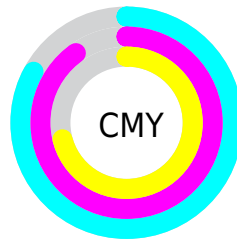
- Red (18%)
- Green (10%)
- Blue (29%)



- Red (18%)
- Yellow (10%)
- Blue (29%)



- Cyan (40%)
- Magenta (67%)
- Yellow (0%)
- Black (71%)



- Cyan (83%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 35.533, 309.227 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, 35.533, 309.227 by changing the saturation by 10% instead.

■ 14, 35.533,
309.227

■ 14, 35.533,
309.227

■ 100, 35.533,
309.227

■ 4, 35.533, 309.227

■ 34, 35.533,
309.227

■ 0, 35.533, 309.227

■ 44, 35.533,
309.227


■ 54, 35.533,
309.227


■ 64, 35.533,
309.227


■ 74, 35.533,
309.227


■ 84, 35.533,


309.227


 94, 35.533,
309.227


 14, 35.533,
309.227

 14, 35.533,
309.227


 12, 40.686,
309.747

 16, 30.119,
308.627


 10, 45.307,
310.104

 19, 24.627,
308.004

 8, 50.093, 310.648

 22, 19.168,
307.392

 7, 51.617, 310.842

 24, 13.803,
306.812

 27, 8.567, 306.276

■ 30, 3.473, 305.782

■ 33, 1.472, 125.384

■ 35, 6.271, 124.973

■ 38, 10.926,
124.624

Harmonies

Complementary

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



14, 35.533, 309.227



29, 31.632, 122.683

Rectangle

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



14, 35.533, 309.227



14, 35.533, 359.227



14, 35.533, 129.227



14, 35.533, 179.227

Sweetspot

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



14, 35.533, 309.227



34, 12.601, 306.473



22, 15.869, 253.176



16, 8.496, 306.545



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



14, 35.533, 309.227



16, 52.145, 309.989



18, 36.430, 323.810



14, 2.842, 305.864



12, 64.602, 310.463



34, 117.890, 309.710

Inverse Universe

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



18, 28.494, 344.521



22, 39.563, 346.860



28, 36.263, 137.059



14, 2.500, 339.146



21, 45.059, 351.017



50, 80.521, 353.334

Previews

White Background



This preview shows how the CIE LCh color 14, 35.533, 309.227 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, 35.533, 309.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

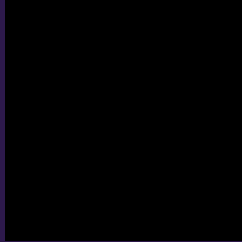
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 35.533, 309.227

Background



This preview shows how black text looks on a background with the CIELCh color 14, 35.533, 309.227.



This preview shows how white text looks on a background with the CIELCh color 14, 35.533, 309.227.

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, 35.533, 309.227

Tritanopia

14, 2.193, 303.370

Trichromacy



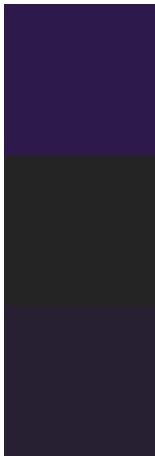
Original Color

14, 35.533, 309.227

Tritanomaly

14, 14.725, 307.349

Monochromacy



Original Color

14, 35.533, 309.227

Achromatopsia

14, 0.003, 296.813

Achromatomaly

14, 13.272, 306.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 35.533, 309.227 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(45, 25, 75)` looks like.

```
.text, #text, p{  
    color:rgb(45, 25, 75)  
}
```

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(45, 25, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 25, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 35.533, 309.227 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(45, 25, 75) }
```

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

```
.border{ border-color:rgb(45, 25, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 25, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 25, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 25, 75);  
box-shadow:4px 4px 4px 4px rgb(45, 25, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 35.533, 309.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 25, 75) }
```

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

```
.background{ background-color: rgb(45, 25,  
75) }
```

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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