

Converting Colors

CIELCh(14, 14.151, 309.745)

Have a look what the booklet for
CIELCh(14, 14.151, 309.745)
contains.

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Color

CIELCh(14, 14.147, 309.721)

Conversions

Conversions Part 1

Format	Color
Hex	292033
RGB	41, 32, 51
RGB Percent	16%, 13%, 20%
CMY	0.8399, 0.8751, 0.8007
CMYK	0.20, 0.37, 0.00, 0.80
HSL	268°, 23%, 16%
HSV	268°, 37%, 20%
XYZ	2.0136, 1.7298, 3.3397
YIQ	36.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

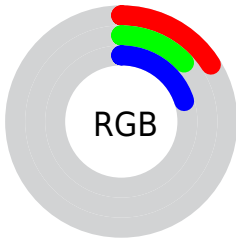
Format	Color
RYB	41, 32, 51
Decimal	2695219
CIELab	14.00, 9.04, -10.88
CIELCh	14, 14.147, 309.721
Yxy	1.7298, 0.2843, 0.2442
Android (android.graphics.Color)	4280885299 (0xFF292033)
YUV	36.8570, 6.9725, 3.6334
Hunter-Lab	13.1521, 4.3125, -5.8490

Details

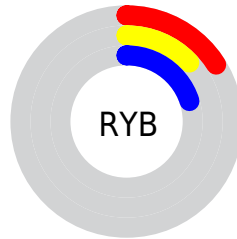
The CIELCh color **14, 14.147, 309.721** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20, 13.503, 126.662**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 13.975, 310.814**, and **0, 0.807, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **12, 18.095, 310.201**, and if you desaturate by 10%, it is **16, 10.249, 309.257**.

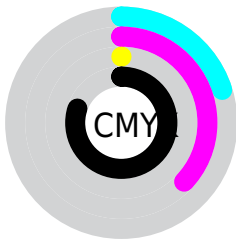
Distribution



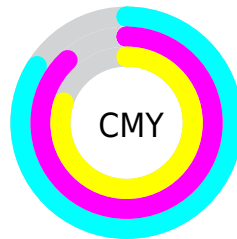
- Red (16%)
- Green (13%)
- Blue (20%)



- Red (16%)
- Yellow (13%)
- Blue (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 14.147, 309.721 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, 14.147, 309.721 by changing the saturation by 10% instead.

■ 14, 14.147,
309.721

■ 14, 14.147,
309.721

■ 100, 14.147,
309.721

■ 4, 14.147, 309.721

■ 34, 14.147,
309.721

■ 0, 14.147, 309.721

■ 44, 14.147,
309.721


■ 54, 14.147,
309.721


■ 64, 14.147,
309.721


■ 74, 14.147,
309.721


■ 84, 14.147,


309.721


 94, 14.147,
309.721

 14, 14.147,
309.721

 14, 14.147,
309.721

 12, 18.095,
310.201

 16, 10.249,
309.257

 10, 22.055,
310.681

 18, 6.426, 308.817

 9, 25.961, 311.135

 20, 2.692, 308.402

 7, 29.496, 311.317

 22, 0.949, 128.090

 6, 32.207, 310.874

 24, 4.495, 127.716

 4, 34.694, 310.243

 26, 7.946, 127.406

■ 4, 35.319, 310.049

■ 27, 11.304,
127.130

■ 29, 14.574,
126.884

■ 31, 17.759,
126.666

Harmonies

Complementary

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



14, 14.147, 309.721



20, 13.503, 126.662

Rectangle

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



14, 14.147, 309.721



14, 14.147, 359.721



14, 14.147, 129.721



14, 14.147, 179.721

Sweetspot

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



14, 14.146, 309.721



25, 5.055, 308.575



16, 7.362, 256.557



11, 3.322, 308.578



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



14, 14.146, 309.721



17, 21.490, 310.202



15, 15.656, 325.169



8, 2.028, 308.431



11, 57.881, 312.140



34, 111.136, 311.195

Inverse Universe

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



15, 11.487, 345.089



19, 17.268, 346.051



19, 15.631, 141.456



8, 1.672, 342.747



17, 39.992, 356.458



47, 75.273, 359.977

Previews

White Background



This preview shows how the CIELCh color 14, 14.147, 309.721 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, 14.147, 309.721

Background



This preview shows how black text looks on a background with the CIELCh color 14, 14.147, 309.721.



This preview shows how white text looks on a background with the CIELCh color 14, 14.147, 309.721.

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, 14.147, 309.721

Protanopia

14, 13.643, 284.054

Deuteranopia

14, 10.766, 284.335



Tritanopia
14, 2.432, 344.264

Trichromacy



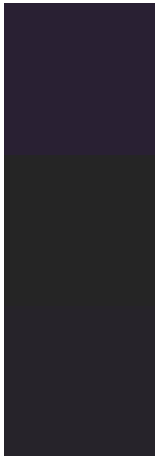
Original Color
14, 14.147, 309.721

Protanomaly
14, 13.550, 292.212

Deuteranomaly
14, 11.439, 295.468

Tritanomaly
14, 6.390, 317.938

Monochromacy



Original Color
14, 14.147, 309.721

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 5.199, 307.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 14.147, 309.721 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(41, 32, 51)` looks like.

```
.text, #text, p{  
    color:rgb(41, 32, 51)  
}
```

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(41, 32, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 32, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 14.147, 309.721 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(41, 32, 51) }
```

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

```
.border{ border-color:rgb(41, 32, 51) }
```

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

Here you see how a box with a 4 pixel rgb(41, 32, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 32, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 32, 51);  
box-shadow:4px 4px 4px 4px rgb(41, 32, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 14.147, 309.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 32, 51) }
```

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

```
.background{ background-color: rgb(41, 32,  
51) }
```

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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