

Converting Colors

CIELCh(14, 24.544, 1.011)

Have a look what the booklet for
CIELCh(14, 24.544, 1.011) contains.

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Color

CIELCh(14, 24.544, 1.011)

Conversions

Conversions Part 1

Format	Color
Hex	421324
RGB	66, 19, 36
RGB Percent	26%, 7%, 14%
CMY	0.7424, 0.9266, 0.8598
CMYK	0.00, 0.72, 0.46, 0.74
HSL	338°, 56%, 17%
HSV	338°, 72%, 26%
XYZ	2.7690, 1.7298, 1.8365
YIQ	34.9910, 22.5550, 15.2510

Conversions

Conversions Part 2

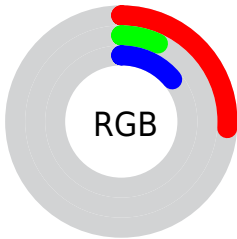
Format	Color
RYB	66, 19, 36
Decimal	4330276
CIELab	14.00, 24.54, 0.43
CIElCh	14, 24.544, 1.011
Yxy	1.7298, 0.4371, 0.2730
Android (android.graphics.Color)	4282520356 (0xFF421324)
YUV	34.9910, 0.4974, 27.1949
Hunter-Lab	13.1521, 14.5649, 0.9274

Details

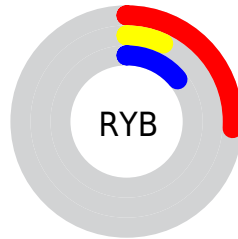
The CIELCh color **14, 24.544, 1.011** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 21.478, 164.386**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 24.137, 1.551**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 27.229, 3.506**, and if you desaturate by 10%, it is **16, 21.444, 358.980**.

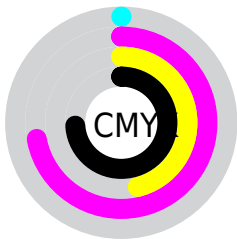
Distribution



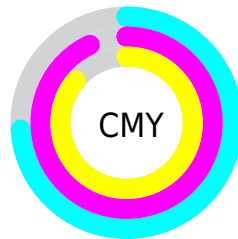
- Red (26%)
- Green (7%)
- Blue (14%)



- Red (26%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (72%)
- Yellow (46%)
- Black (74%)



- Cyan (74%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 24.544, 1.011 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, 24.544, 1.011 by changing the saturation by 10% instead.

 14, 24.544, 1.011  14, 24.544, 1.011

 100, 24.544, 1.011  4, 24.544, 1.011

 34, 24.544, 1.011  0, 24.544, 1.011

 44, 24.544, 1.011

 54, 24.544, 1.011

 64, 24.544, 1.011

 74, 24.544, 1.011

 84, 24.544, 1.011

 94, 24.544, 1.011

 14, 24.544, 1.011  14, 24.544, 1.011

■ 13, 27.229, 3.506

■ 16, 21.444,
358.980

■ 12, 29.612, 6.306

■ 17, 18.067,
357.301

■ 11, 31.923, 8.299

■ 19, 14.536,
355.889

■ 21, 10.953,
354.680

■ 23, 7.391, 353.624

■ 25, 3.898, 352.676

■ 28, 0.504, 351.494

■ 30, 2.777, 171.235

■ 32, 5.939, 170.519

Harmonies

Complementary

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



14, 24.544, 1.011



24, 21.478, 164.386

Rectangle

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



14, 24.544, 1.011



14, 24.544, 51.011



14, 24.544, 181.011



14, 24.544, 231.011

Sweetspot

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



14, 24.543, 1.013



30, 8.872, 353.657



13, 34.193, 316.132



14, 6.066, 353.766



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



14, 24.543, 1.013



17, 34.249, 5.897



15, 23.678, 35.804



12, 1.890, 352.402



19, 41.742, 11.600



48, 77.885, 16.062

Inverse Universe

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



14, 24.543, 1.013



17, 34.249, 5.897



23, 14.228, 214.525



12, 1.890, 352.402



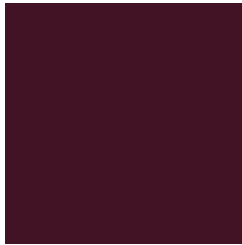
19, 41.742, 11.600



48, 77.885, 16.062

Previews

White Background



This preview shows how the CIELCh color 14, 24.544, 1.011 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

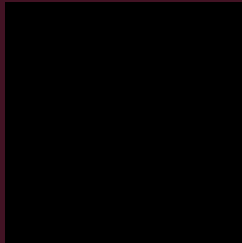
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 24.544, 1.011

Background



This preview shows how black text looks on a background with the CIELCh color 14, 24.544, 1.011.



This preview shows how white text looks on a background with the CIELCh color 14, 24.544, 1.011.

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, 24.544, 1.011

Protanopia

15, 6.412, 283.978

Deuteranopia

15, 3.735, 54.331



Tritanopia
14, 23.266, 25.367

Trichromacy



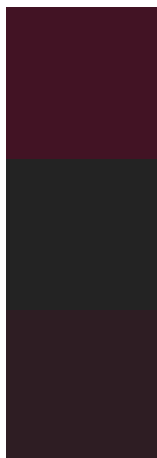
Original Color
14, 24.544, 1.011

Protanomaly
14, 11.404, 334.263

Deuteranomaly
14, 11.055, 7.987

Tritanomaly
14, 22.954, 15.699

Monochromacy



Original Color
14, 24.544, 1.011

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 9.505, 355.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 24.544, 1.011 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(66, 19, 36)` looks like.

```
.text, #text, p{  
    color:rgb(66, 19, 36)  
}
```

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(66, 19, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 19, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 24.544, 1.011 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(66, 19, 36) }
```

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

```
.border{ border-color:rgb(66, 19, 36) }
```

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

Here you see how a box with a 4 pixel rgb(66, 19, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 19, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 19, 36);  
box-shadow:4px 4px 4px 4px rgb(66, 19, 36)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 24.544, 1.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 19, 36) }
```

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

```
.background{ background-color: rgb(66, 19,  
36) }
```

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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