

Converting Colors

CIELCh(14, 5.435, 62.144)

Have a look what the booklet for
CIELCh(14, 5.435, 62.144) contains.

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Color

CIELCh(14, 5.547, 59.639)

Conversions

Conversions Part 1

Format	Color
Hex	2A221D
RGB	42, 34, 29
RGB Percent	16%, 13%, 11%
CMY	0.8351, 0.8664, 0.8861
CMYK	0.00, 0.19, 0.31, 0.84
HSL	23°, 18%, 14%
HSV	23°, 31%, 16%
XYZ	1.7534, 1.7298, 1.4075
YIQ	35.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

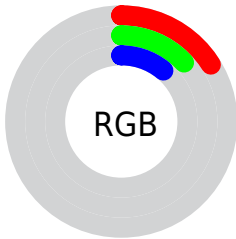
Format	Color
R_{YB}	42, 37, 29
Decimal	2761245
CIE _{Lab}	14.00, 2.80, 4.79
CIE _{LCh}	14, 5.547, 59.639
Y _{xy}	1.7298, 0.3585, 0.3537
Android (android.graphics.Color)	4280951325 (0xFF2A221D)
YUV	35.8220, -3.3632, 5.4181
Hunter-Lab	13.1521, 0.7806, 2.8615

Details

The CIELCh color **14, 5.547, 59.639** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14, 4.942, 245.164**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 5.889, 59.251**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 7.541, 58.933**, and if you desaturate by 10%, it is **15, 3.655, 60.381**.

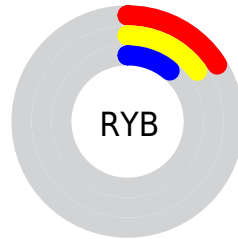
Distribution



Red (16%)

Green (13%)

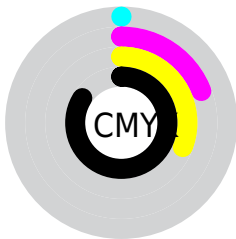
Blue (11%)



Red (16%)

Yellow (15%)

Blue (11%)

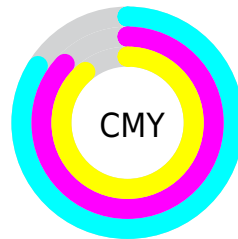


Cyan (0%)

Magenta (19%)

Yellow (31%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 5.547, 59.639 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, 5.547, 59.639 by changing the saturation by 10% instead.

 14, 5.547, 59.639  14, 5.547, 59.639

 100, 5.547, 59.639  4, 5.547, 59.639

 34, 5.547, 59.639  0, 5.547, 59.639

 44, 5.547, 59.639

 54, 5.547, 59.639

 64, 5.547, 59.639

 74, 5.547, 59.639

 84, 5.547, 59.639

 94, 5.547, 59.639

 14, 5.547, 59.639  14, 5.547, 59.639

■ 13, 7.541, 58.933

■ 15, 3.655, 60.381

■ 12, 9.615, 58.146

■ 16, 1.858, 61.105

■ 11, 11.444, 56.299

■ 17, 0.150, 60.930

■ 10, 12.978, 53.529

■ 18, 1.476, 242.849

■ 9, 14.300, 50.232

■ 19, 3.029, 243.573

■ 9, 15.623, 47.451

■ 20, 4.515, 244.326

■ 8, 16.840, 45.462

■ 21, 5.941, 245.077

■ 22, 7.313, 245.817

■ 23, 8.637, 246.543

Harmonies

Complementary

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



14, 5.547, 59.639



14, 4.942, 245.164

Rectangle

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



14, 5.547, 59.639



14, 5.547, 109.639



14, 5.547, 239.639



14, 5.547, 289.639

Sweetspot

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



14, 5.547, 59.648



21, 1.872, 61.201



13, 8.573, 339.800



10, 1.319, 61.183



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



14, 5.547, 59.648



18, 8.324, 59.061



16, 8.003, 102.324



6, 0.737, 60.681



20, 36.755, 52.625



52, 78.658, 51.795

Inverse Universe

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



14, 4.942, 245.164



18, 7.162, 246.272



12, 8.353, 288.130



6, 0.744, 243.382



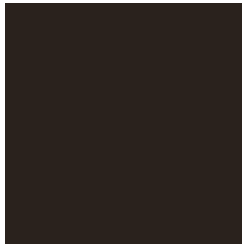
20, 24.066, 265.610



53, 49.991, 270.678

Previews

White Background



This preview shows how the CIELCh color 14, 5.547, 59.639 looks on a white background.

Color Contrast Check

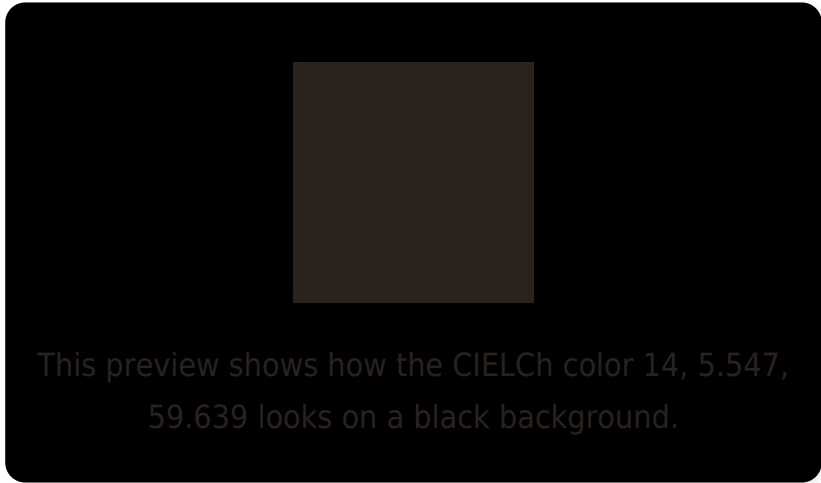
Large Text (above 18pt) WCAG AA ✓ Pass

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

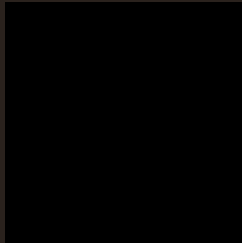
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 5.547, 59.639

Background



This preview shows how black text looks on a background with the CIELCh color 14, 5.547, 59.639.



This preview shows how white text looks on a background with the CIELCh color 14, 5.547, 59.639.

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, 5.547, 59.639

Protanopia

14, 4.367, 95.266

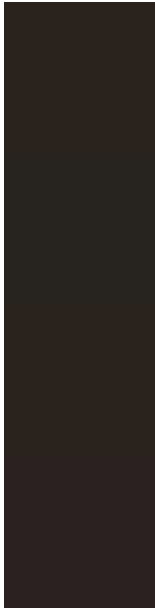
Deuteranopia

14, 5.142, 63.414



Tritanopia
14, 5.425, 357.828

Trichromacy



Original Color

14, 5.547, 59.639

Protanomaly

14, 4.114, 78.857

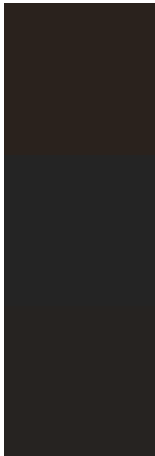
Deuteranomaly

14, 5.142, 63.414

Tritanomaly

14, 5.122, 20.710

Monochromacy



Original Color

14, 5.547, 59.639

Achromatopsia

14, 0.003, 296.813

Achromatomaly

14, 2.072, 62.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 5.547, 59.639 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(42, 34, 29)` looks like.

```
.text, #text, p{  
    color:rgb(42, 34, 29)  
}
```

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(42, 34, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 34, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 5.547, 59.639 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(42, 34, 29) }
```

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

```
.border{ border-color:rgb(42, 34, 29) }
```

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

Here you see how a box with a 4 pixel rgb(42, 34, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 34, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 34, 29);  
box-shadow:4px 4px 4px 4px rgb(42, 34, 29)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 5.547, 59.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 34, 29) }
```

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

```
.background{ background-color: rgb(42, 34,  
29) }
```

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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