

Converting Colors

CIELCh(14, 14.177, 107.506)

Have a look what the booklet for
CIELCh(14, 14.177, 107.506)
contains.

CIELCh(14, 14.248, 108.516)	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, 14.248, 108.516)

Conversions

Conversions Part 1

Format	Color
Hex	242510
RGB	36, 37, 16
RGB Percent	14%, 15%, 6%
CMY	0.8591, 0.8552, 0.9376
CMYK	0.03, 0.00, 0.57, 0.86
HSL	63°, 40%, 10%
HSV	63°, 57%, 14%
XYZ	1.4775, 1.7298, 0.7430
YIQ	34.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

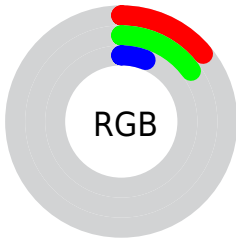
Format	Color
RYB	16, 37, 17
Decimal	2368784
CIELab	14.00, -4.52, 13.51
CIELCh	14, 14.248, 108.516
Yxy	1.7298, 0.3740, 0.4379
Android (android.graphics.Color)	4280558864 (0xFF242510)
YUV	34.3070, -9.0254, 1.4848
Hunter-Lab	13.1521, -2.9638, 5.8570

Details

The CIELCh color **14, 14.248, 108.516** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **6, 15.366, 294.842**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 14.843, 109.415**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 16.102, 108.398**, and if you desaturate by 10%, it is **14, 12.050, 108.857**.

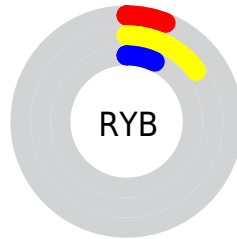
Distribution



Red (14%)

Green (15%)

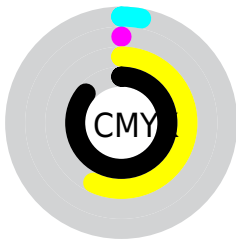
Blue (6%)



Red (6%)

Yellow (15%)

Blue (7%)

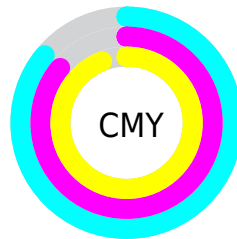


Cyan (3%)

Magenta (0%)

Yellow (57%)

Black (86%)



Cyan (86%)


Magenta (86%)


Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 14.248, 108.516 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, 14.248, 108.516 by changing the saturation by 10% instead.

 14, 14.248,
108.516


 14, 14.248,
108.516


 100, 14.248,
108.516


 4, 14.248, 108.516


 34, 14.248,
108.516

 0, 14.248, 108.516

 44, 14.248,
108.516


 54, 14.248,
108.516


 64, 14.248,
108.516


 74, 14.248,
108.516


 84, 14.248,


108.516


 94, 14.248,
108.516

 14, 14.248,
108.516


 14, 14.248,
108.516

 14, 16.102,
108.398

 14, 12.050,
108.857


 14, 17.651,
108.397

 14, 9.556, 109.504

 14, 19.146,
108.429

 14, 6.996, 110.195

 14, 4.407, 110.887

 14, 20.643,
108.478

 15, 1.800, 111.572

 14, 21.108,
108.496

 15, 0.815, 292.276

■ 15, 3.432, 292.926

■ 15, 6.045, 293.570

■ 15, 8.652, 294.193

Harmonies

Complementary

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



14, 14.248, 108.516



6, 15.366, 294.842

Rectangle

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



14, 14.248, 108.516



14, 14.248, 158.516



14, 14.248, 288.516



14, 14.248, 338.516

Sweetspot

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



14, 14.249, 108.519



20, 5.583, 110.798



7, 11.310, 22.400



9, 3.687, 111.425



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



14, 14.249, 108.519



19, 21.344, 107.239



13, 15.540, 128.913



5, 1.026, 112.113



33, 42.428, 105.548



81, 83.591, 105.810

Inverse Universe

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



6, 15.366, 294.842



6, 24.604, 298.872



7, 16.394, 311.745



5, 1.029, 291.984



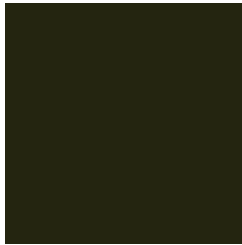
6, 57.091, 305.985



26, 114.989, 306.407

Previews

White Background



This preview shows how the CIELCh color 14, 14.248, 108.516 looks on a white background.

Color Contrast Check

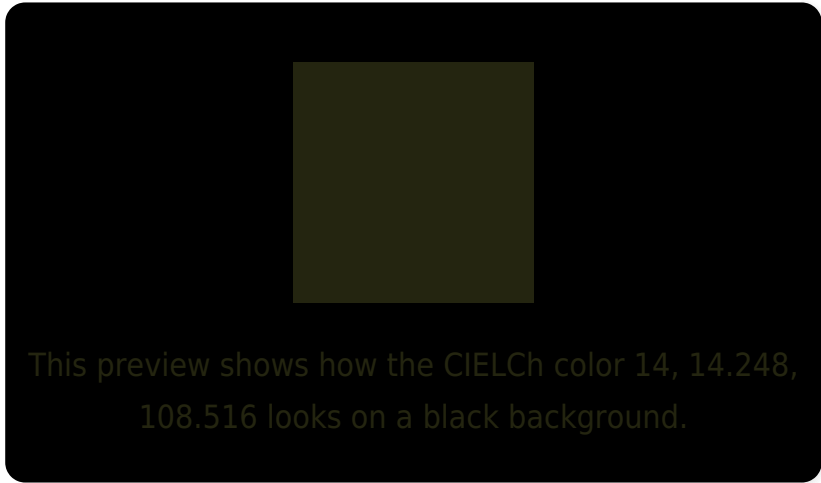
Large Text (above 18pt) WCAG AA ✓ Pass

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

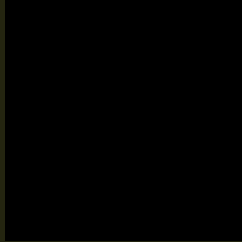
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

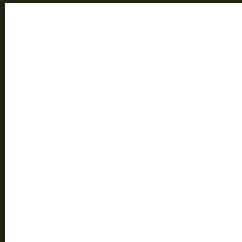
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 14.248, 108.516

Background



This preview shows how black text looks on a background with the CIELCh color 14, 14.248, 108.516.

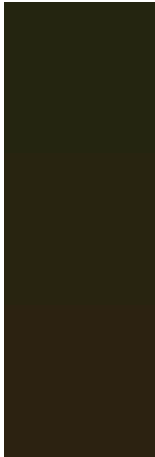


This preview shows how white text looks on a background with the CIELCh color 14, 14.248, 108.516.

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, 14.248, 108.516

Protanopia

14, 13.807, 97.029

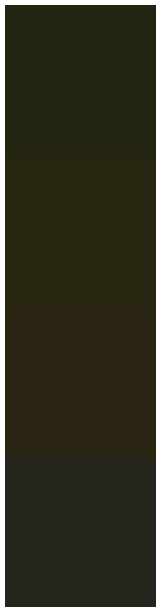
Deuteranopia

14, 13.150, 81.260



Tritanopia
14, 2.054, 336.040

Trichromacy



Original Color
14, 14.248, 108.516

Protanomaly
14, 13.715, 99.364

Deuteranomaly
14, 12.885, 91.458

Tritanomaly
14, 4.978, 102.761

Monochromacy



Original Color
14, 14.248, 108.516

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 5.681, 108.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 14.248, 108.516 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(36, 37, 16)` looks like.

```
.text, #text, p{  
    color:rgb(36, 37, 16)  
}
```

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(36, 37, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 37, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 14.248, 108.516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

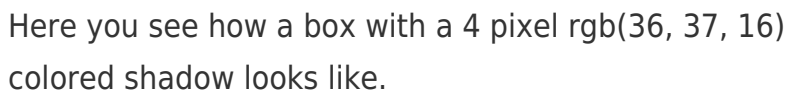
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 37, 16) }
```

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

```
.border{ border-color:rgb(36, 37, 16) }
```

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



Here you see how a box with a 4 pixel `rgb(36, 37, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 37, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 37, 16);  
box-shadow:4px 4px 4px 4px rgb(36, 37, 16)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 14.248, 108.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 37, 16) }
```

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

```
.background{ background-color: rgb(36, 37,  
16) }
```

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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