

Converting Colors

CIELCh(14, 23.874, 50.810)

Have a look what the booklet for
CIELCh(14, 23.874, 50.810) contains.

CIELCh(14, 23.815, 50.901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(14, 23.815, 50.901)

Conversions

Conversions Part 1

Format	Color
Hex	3C1A06
RGB	60, 26, 6
RGB Percent	24%, 10%, 2%
CMY	0.7638, 0.8972, 0.9751
CMYK	0.00, 0.56, 0.89, 0.76
HSL	22°, 81%, 13%
HSV	22°, 89%, 24%
XYZ	2.2861, 1.7298, 0.3954
YIQ	33.8860, 26.6840, 0.9880

Conversions

Conversions Part 2

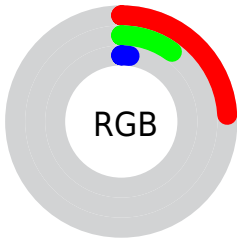
Format	Color
RYB	60, 38, 6
Decimal	3938822
CIELab	14.00, 15.02, 18.48
CIELCh	14, 23.815, 50.901
Yxy	1.7298, 0.5182, 0.3921
Android (android.graphics.Color)	4282128902 (0xFF3C1A06)
YUV	33.8860, -13.7478, 22.9020
Hunter-Lab	13.1521, 8.0107, 7.4238

Details

The CIELCh color **14, 23.815, 50.901** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **15, 16.527, 257.242**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 23.724, 51.185**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 25.955, 48.949**, and if you desaturate by 10%, it is **15, 21.644, 53.376**.

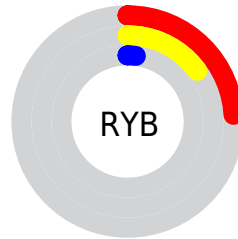
Distribution



 Red (24%)

 Green (10%)

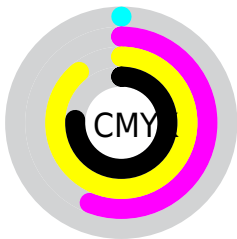
 Blue (2%)



 Red (24%)

 Yellow (15%)

 Blue (2%)

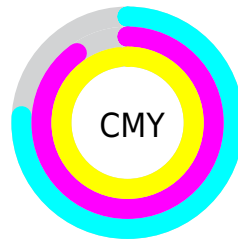


 Cyan (0%)

 Magenta (56%)

 Yellow (89%)

 Black (76%)



 Cyan (76%)

 Magenta (90%)

 Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 23.815, 50.901 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, 23.815, 50.901 by changing the saturation by 10% instead.

 14, 23.815, 50.901

 14, 23.815, 50.901

 100, 23.815,
50.901

 4, 23.815, 50.901

 34, 23.815, 50.901

 0, 23.815, 50.901

 44, 23.815, 50.901

 54, 23.815, 50.901

 64, 23.815, 50.901

 74, 23.815, 50.901

 84, 23.815, 50.901

 94, 23.815, 50.901

■ 14, 23.815, 50.901

■ 14, 23.815, 50.901

■ 13, 25.955, 48.949

■ 15, 21.644, 53.376

■ 13, 26.068, 48.862

■ 16, 18.983, 55.117

■ 17, 15.833, 55.778

■ 19, 12.785, 56.397

■ 20, 9.897, 57.063

■ 21, 7.170, 57.772

■ 23, 4.599, 58.508

■ 24, 2.173, 59.238

■ 25, 0.120, 241.788

Harmonies

Complementary

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



14, 23.815, 50.901



15, 16.527, 257.242

Rectangle

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



14, 23.815, 50.901



14, 23.815, 100.901



14, 23.815, 230.901



14, 23.815, 280.901

Sweetspot

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



14, 23.814, 50.905



29, 8.211, 57.859



11, 29.987, 345.195



13, 5.602, 57.780



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



14, 23.814, 50.905



18, 34.739, 51.038



22, 28.221, 95.722



11, 1.286, 59.307



22, 41.235, 51.855



54, 82.300, 50.707

Inverse Universe

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



15, 16.527, 257.242



19, 22.311, 262.686



6, 34.591, 298.165



11, 1.247, 240.912



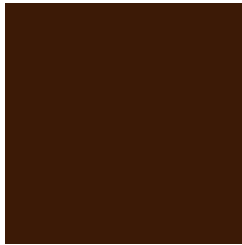
24, 25.593, 264.092



56, 50.276, 268.468

Previews

White Background



This preview shows how the CIELCh color 14, 23.815, 50.901 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, 23.815, 50.901

Background



This preview shows how black text looks on a background with the CIELCh color 14, 23.815, 50.901.

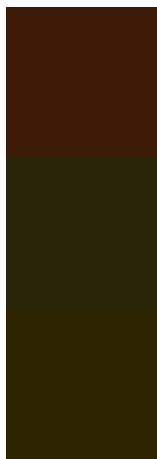


This preview shows how white text looks on a background with the CIELCh color 14, 23.815, 50.901.

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, 23.815, 50.901

Protanopia

14, 17.674, 98.349

Deuteranopia

14, 21.059, 87.697



Tritanopia
14, 19.801, 21.810

Trichromacy



Original Color
14, 23.815, 50.901

Protanomaly
14, 17.925, 77.002

Deuteranomaly
14, 20.908, 73.524

Tritanomaly
14, 21.075, 35.991

Monochromacy



Original Color
14, 23.815, 50.901

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 8.841, 54.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 23.815, 50.901 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(60, 26, 6)` looks like.

```
.text, #text, p{  
    color:rgb(60, 26, 6)  
}
```

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(60, 26, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 26, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 23.815, 50.901 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(60, 26, 6) }
```

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

```
.border{ border-color:rgb(60, 26, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 26, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 26, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 26, 6); box-shadow:4px  
4px 4px 4px rgb(60, 26, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 23.815, 50.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 26, 6) }
```

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

```
.background{ background-color: rgb(60, 26,  
6) }
```

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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