

Converting Colors

CIELCh(24, 38.519, 143.283)

Have a look what the booklet for
CIElCh(24, 38.519, 143.283)
contains.

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Color

CIELCh(24, 38.167, 143.523)

Conversions

Conversions Part 1

Format	Color
Hex	014314
RGB	1, 67, 20
RGB Percent	0%, 26%, 8%
CMY	0.9950, 0.7364, 0.9208
CMYK	0.98, 0.00, 0.70, 0.74
HSL	137°, 96%, 13%
HSV	137°, 98%, 26%
XYZ	2.1645, 4.1002, 1.3487
YIQ	41.9080, -24.2490, -28.6090

Conversions

Conversions Part 2

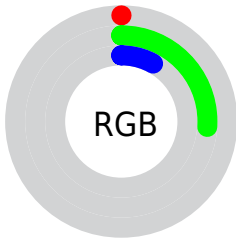
Format	Color
RYB	1, 52, 67
Decimal	82708
CIELab	24.00, -30.69, 22.69
CIELCh	24, 38.167, 143.523
Yxy	4.1002, 0.2843, 0.5386
Android (android.graphics.Color)	4278272788 (0xFF014314)
YUV	41.9080, -10.8006, -35.8763
Hunter-Lab	20.2490, -16.3551, 10.2252

Details

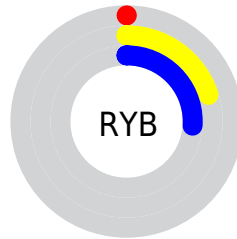
The CIELCh color **24, 38.167, 143.523** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12, 36.014, 341.552**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 38.099, 143.892**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 38.722, 143.328**, and if you desaturate by 10%, it is **24, 35.194, 144.763**.

Distribution



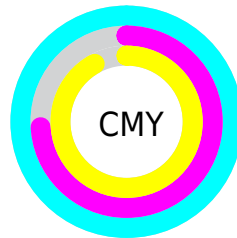
- Red (0%)
- Green (26%)
- Blue (8%)



- Red (0%)
- Yellow (20%)
- Blue (26%)



- Cyan (98%)
- Magenta (0%)
- Yellow (70%)
- Black (74%)





- Cyan (100%)
- Magenta (74%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 38.167, 143.523 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 24, 38.167, 143.523 by changing the saturation by 10% instead.

 24, 38.167,
143.523


 24, 38.167,
143.523

 100, 38.167,
143.523


 14, 38.167,
143.523

 44, 38.167,
143.523

 4, 38.167, 143.523

 54, 38.167,
143.523

 0, 38.167, 143.523

 64, 38.167,
143.523

 74, 38.167,
143.523

 84, 38.167,
143.523

 94, 38.167,

143.523

■ 24, 38.167,
143.523

■ 24, 38.167,
143.523

■ 24, 38.722,
143.328

■ 24, 35.194,
144.763

■ 24, 32.057,
146.266

■ 25, 28.573,
147.657

■ 25, 24.784,
148.904

■ 26, 20.755,
150.012

■ 26, 16.554,
150.991

■ 27, 12.243,
151.856

■ 27, 7.878, 152.623

■ 28, 3.509, 153.320

Harmonies

Complementary

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



24, 38.167, 143.523



12, 36.014, 341.552

Rectangle

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



24, 38.167, 143.523



24, 38.167, 193.523



24, 38.167, 323.523



24, 38.167, 13.523

Sweetspot

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



24, 38.167, 143.523



34, 15.611, 151.685



26, 37.858, 117.702



16, 10.539, 151.534



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



24, 38.167, 143.523



31, 46.932, 142.424



25, 23.346, 171.789



12, 2.385, 153.292



35, 51.080, 142.094



78, 97.740, 140.496

Inverse Universe

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



12, 36.014, 341.552



17, 43.027, 342.434



11, 32.640, 18.924



12, 2.396, 334.225



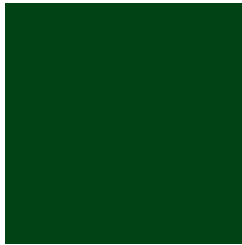
20, 46.354, 342.709



50, 84.319, 344.195

Previews

White Background



This preview shows how the CIELCh color 24, 38.167, 143.523 looks on a white background.

Color Contrast Check

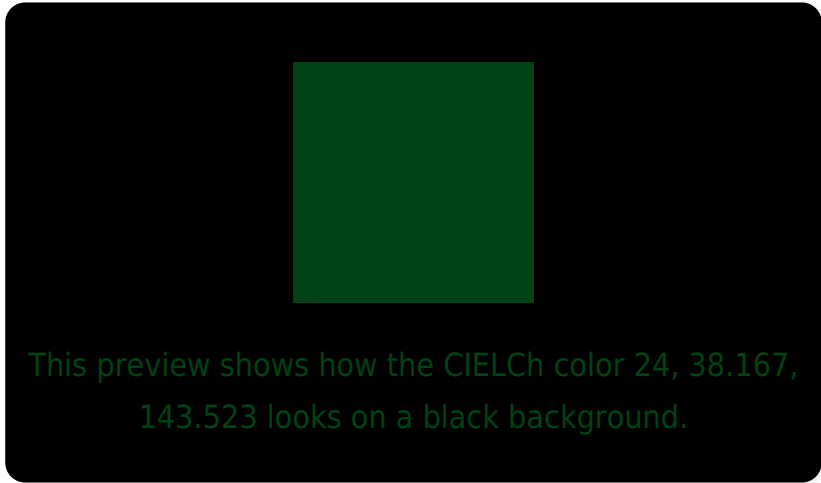
Large Text (above 18pt) WCAG AA ✓ Pass

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

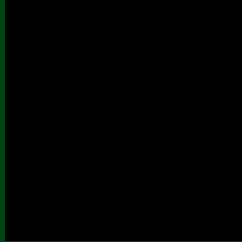
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 38.167, 143.523

Background



This preview shows how black text looks on a background with the CIELCh color 24, 38.167, 143.523.



This preview shows how white text looks on a background with the CIELCh color 24, 38.167, 143.523.

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

24, 38.167, 143.523

Protanopia

24, 25.355, 96.137

Deuteranopia

24, 21.445, 82.157



Tritanopia
24, 13.220, 212.029

Trichromacy



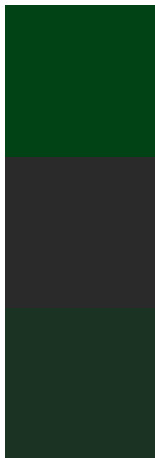
Original Color
24, 38.167, 143.523

Protanomaly
23, 27.903, 124.714

Deuteranomaly
23, 23.829, 121.395

Tritanomaly
24, 20.211, 168.755

Monochromacy



Original Color
24, 38.167, 143.523

Achromatopsia
17, 0.003, 296.813

Achromatomaly
19, 16.099, 150.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 38.167, 143.523 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(1, 67, 20)` looks like.

```
.text, #text, p{  
    color:rgb(1, 67, 20)  
}
```

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(1, 67, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 67, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 38.167, 143.523 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(1, 67, 20) }
```

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

```
.border{ border-color:rgb(1, 67, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 67, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 67, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 67, 20); box-shadow:4px  
4px 4px 4px rgb(1, 67, 20) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 38.167, 143.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 67, 20) }
```

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

```
.background{ background-color: rgb(1, 67,  
20) }
```

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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