

Converting Colors

CIELCh(24, 26.424, 115.593)

Have a look what the booklet for
CIELCh(24, 26.424, 115.593)
contains.

CIELCh(24, 26.584, 115.908)	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(24, 26.584, 115.908)

Conversions

Conversions Part 1

Format	Color
Hex	333D13
RGB	51, 61, 19
RGB Percent	20%, 24%, 7%
CMY	0.7997, 0.7604, 0.9252
CMYK	0.16, 0.00, 0.69, 0.76
HSL	74°, 52%, 16%
HSV	74°, 69%, 24%
XYZ	3.1614, 4.1002, 1.2447
YIQ	53.2220, 7.5220, -15.1820

Conversions

Conversions Part 2

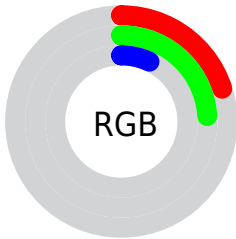
Format	Color
R_{YB}	19, 61, 29
Decimal	3357971
CIE Lab	24.00, -11.62, 23.91
CIE LCh	24, 26.584, 115.908
Yxy	4.1002, 0.3717, 0.4820
Android (android.graphics.Color)	4281548051 (0xFF333D13)
YUV	53.2220, -16.8714, -1.9487
Hunter-Lab	20.2490, -7.5675, 10.5299

Details

The CIELCh color **24, 26.584, 115.908** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10, 30.905, 304.901**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 26.581, 115.318**, and **5, 11.348, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 29.695, 115.664**, and if you desaturate by 10%, it is **24, 23.126, 116.296**.

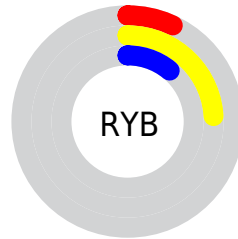
Distribution



Red (20%)

Green (24%)

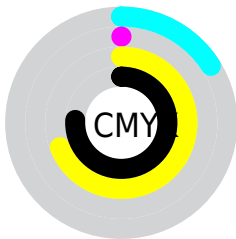
Blue (7%)



Red (7%)

Yellow (24%)

Blue (11%)

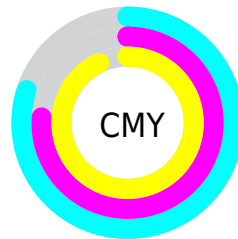


Cyan (16%)

Magenta (0%)

Yellow (69%)

Black (76%)



Cyan (80%)

Magenta (76%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 26.584, 115.908 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, 26.584, 115.908 by changing the saturation by 10% instead.

 24, 26.584,
115.908

 24, 26.584,
115.908

 100, 26.584,
115.908

 14, 26.584,
115.908


 44, 26.584,
115.908

 4, 26.584, 115.908

 54, 26.584,
115.908

 0, 26.584, 115.908

 64, 26.584,
115.908

 74, 26.584,
115.908

 84, 26.584,
115.908

 94, 26.584,

115.908

■ 24, 26.584,
115.908

■ 24, 26.584,
115.908

■ 24, 29.695,
115.664

■ 24, 23.126,
116.296

■ 24, 32.334,
115.647

■ 24, 19.428,
116.771

■ 23, 34.888,
115.694

■ 25, 15.573,
117.301

■ 23, 35.206,
115.701

■ 25, 11.618,
117.856

■ 25, 7.601, 118.420

■ 26, 3.552, 118.980

■ 26, 0.509, 299.499

■ 26, 4.567, 300.043

■ 27, 8.612, 300.545

Harmonies

Complementary

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



24, 26.584, 115.908



10, 30.905, 304.901

Rectangle

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



24, 26.584, 115.908



24, 26.584, 165.908



24, 26.584, 295.908



24, 26.584, 345.908

Sweetspot

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



24, 26.584, 115.910



33, 10.541, 118.241



15, 19.995, 43.029



16, 7.198, 118.188



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



24, 26.584, 115.910



31, 37.778, 115.609



23, 30.255, 133.604



11, 2.255, 118.998



37, 48.327, 115.952



82, 90.456, 116.901

Inverse Universe

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



10, 30.905, 304.901



10, 46.306, 306.540



12, 31.280, 319.125



10, 2.292, 299.930



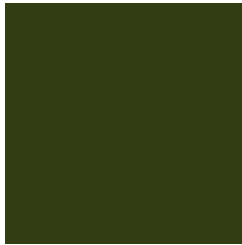
9, 62.889, 308.153



29, 118.188, 307.521

Previews

White Background



This preview shows how the CIELCh color 24, 26.584, 115.908 looks on a white background.

Color Contrast Check

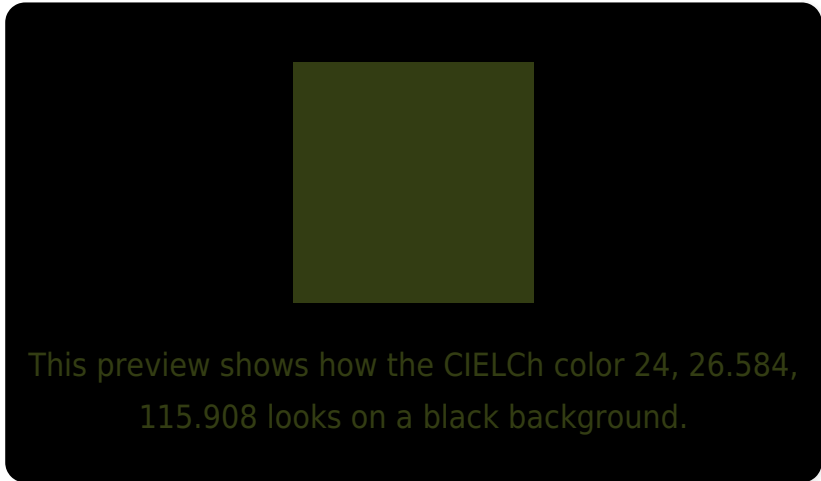
Large Text (above 18pt) WCAG AA ✓ Pass

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

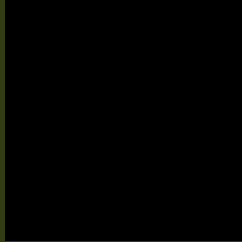
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 26.584, 115.908

Background



This preview shows how black text looks on a background with the CIELCh color 24, 26.584, 115.908.



This preview shows how white text looks on a background with the CIELCh color 24, 26.584, 115.908.

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

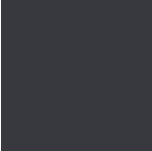
24, 26.584, 115.908

Protanopia

24, 24.847, 95.994

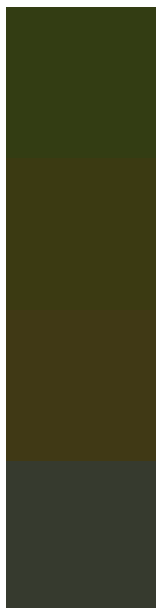
Deuteranopia

24, 22.854, 81.667



Tritanopia
24, 3.338, 283.323

Trichromacy



Original Color
24, 26.584, 115.908

Protanomaly
24, 25.030, 103.465

Deuteranomaly
24, 23.212, 95.793

Tritanomaly
24, 8.144, 122.080

Monochromacy



Original Color
24, 26.584, 115.908

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 10.111, 119.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 26.584, 115.908 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(51, 61, 19)` looks like.

```
.text, #text, p{  
    color:rgb(51, 61, 19)  
}
```

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(51, 61, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 61, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 26.584, 115.908 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(51, 61, 19) }
```

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

```
.border{ border-color:rgb(51, 61, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 61, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 61, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 61, 19);  
box-shadow:4px 4px 4px 4px rgb(51, 61, 19)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 26.584, 115.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 61, 19) }
```

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

```
.background{ background-color: rgb(51, 61,  
19) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor