

Converting Colors

CIELCh(25, 14.038, 340.305)

Have a look what the booklet for
CIELCh(25, 14.038, 340.305)
contains.

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Color

CIELCh(25, 14.485, 339.730)

Conversions

Conversions Part 1

Format	Color
Hex	4C3443
RGB	76, 52, 67
RGB Percent	30%, 20%, 26%
CMY	0.7015, 0.7956, 0.7368
CMYK	0.00, 0.32, 0.12, 0.70
HSL	323°, 19%, 25%
HSV	323°, 32%, 30%
XYZ	5.2412, 4.4155, 5.9060
YIQ	60.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

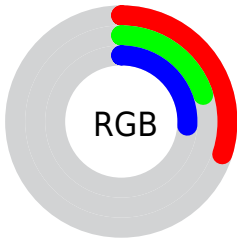
Format	Color
R_YB	76, 52, 67
Decimal	4994115
CIE Lab	25.00, 13.59, -5.02
CIE LCh	25, 14.485, 339.730
Yxy	4.4155, 0.3368, 0.2837
Android (android.graphics.Color)	4283184195 (0xFF4C3443)
YUV	60.8860, 3.0142, 13.2550
Hunter-Lab	21.0130, 7.7494, -1.9551

Details

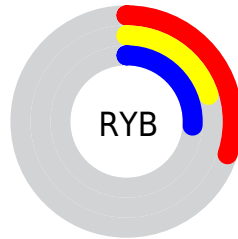
The CIELCh color **25, 14.485, 339.730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 14.234, 155.096**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 14.255, 339.449**, and **5, 14.230, 340.643** is the 20% darker color. If you saturate the color by 10%, you get **23, 19.030, 340.574**, and if you desaturate by 10%, it is **27, 9.862, 338.953**.

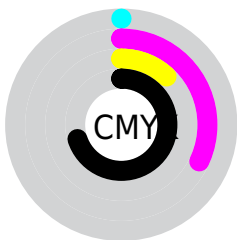
Distribution



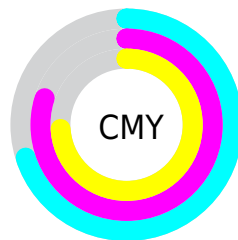
- Red (30%)
- Green (20%)
- Blue (26%)



- Red (30%)
- Yellow (20%)
- Blue (26%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (70%)





- Cyan (70%)
- Magenta (80%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 14.485, 339.730 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 25, 14.485, 339.730 by changing the saturation by 10% instead.

 25, 14.485,
339.730


 25, 14.485,
339.730

 100, 14.485,
339.730


 15, 14.485,
339.730


 45, 14.485,
339.730


 5, 14.485, 339.730

 55, 14.485,
339.730

 0, 14.485, 339.730

 65, 14.485,
339.730

 75, 14.485,
339.730

 85, 14.485,
339.730

 95, 14.485,

339.730

■ 25, 14.485,
339.730

■ 25, 14.485,
339.730

■ 23, 19.030,
340.574

■ 27, 9.862, 338.953

■ 21, 23.386,
341.502

■ 30, 5.248, 338.222

■ 19, 27.402,
342.541

■ 32, 0.694, 337.328

■ 17, 30.897,
343.730

■ 34, 3.765, 157.014

■ 16, 33.682,
345.122

■ 37, 8.109, 156.402

■ 15, 35.733,
346.729

■ 39, 12.331,
155.843

■ 42, 16.428,
155.321

■ 14, 37.559,
348.000

■ 44, 20.403,
154.830

■ 47, 24.260,
154.367

Harmonies

Complementary

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



25, 14.485, 339.730



30, 14.234, 155.096

Rectangle

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



25, 14.485, 339.730



25, 14.485, 29.730



25, 14.485, 159.730



25, 14.485, 209.730

Sweetspot

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



25, 14.484, 339.731



39, 5.100, 338.064



24, 16.446, 305.969



19, 3.576, 338.127



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



25, 14.484, 339.731



31, 21.744, 340.391



25, 11.591, 11.443



14, 2.543, 338.015



21, 45.602, 349.119



50, 81.443, 351.222

Inverse Universe

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



25, 14.484, 339.731



31, 21.744, 340.391



30, 10.050, 186.097



14, 2.543, 338.015



21, 45.602, 349.119



50, 81.443, 351.222

Previews

White Background



This preview shows how the CIELCh color 25, 14.485, 339.730 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



This preview shows how the CIELCh color 25, 14.485, 339.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

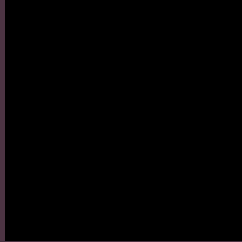
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 14.485, 339.730

Background



This preview shows how black text looks on a background with the CIELCh color 25, 14.485, 339.730.



This preview shows how white text looks on a background with the CIELCh color 25, 14.485, 339.730.

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

25, 14.485, 339.730

Protanopia

25, 8.587, 286.410

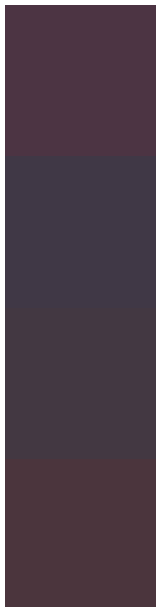
Deuteranopia

25, 5.585, 309.538



Tritanopia
25, 10.176, 6.636

Trichromacy



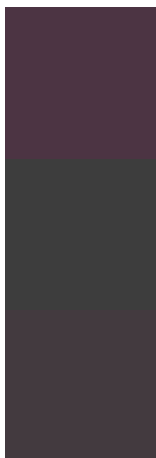
Original Color
25, 14.485, 339.730

Protanomaly
25, 9.915, 312.293

Deuteranomaly
25, 8.229, 327.815

Tritanomaly
25, 11.378, 354.428

Monochromacy



Original Color
25, 14.485, 339.730

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 5.243, 341.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 14.485, 339.730 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(76, 52, 67)` looks like.

```
.text, #text, p{  
    color:rgb(76, 52, 67)  
}
```

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(76, 52, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 52, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 14.485, 339.730 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(76, 52, 67) }
```

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

```
.border{ border-color:rgb(76, 52, 67) }
```

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

Here you see how a box with a 4 pixel rgb(76, 52, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 52, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 52, 67);  
box-shadow:4px 4px 4px 4px rgb(76, 52, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 14.485, 339.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 52, 67) }
```

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

```
.background{ background-color: rgb(76, 52,  
67) }
```

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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