

Converting Colors

CIELCh(25, 14.749, 324.225)

Have a look what the booklet for
CIELCh(25, 14.749, 324.225)
contains.

CIELCh(25, 14.749, 324.225)	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(25, 14.749, 324.225)

Conversions

Conversions Part 1

Format	Color
Hex	473548
RGB	71, 53, 72
RGB Percent	28%, 21%, 28%
CMY	0.7198, 0.7905, 0.7159
CMYK	0.01, 0.26, 0.00, 0.72
HSL	297°, 15%, 25%
HSV	297°, 26%, 28%
XYZ	5.1083, 4.4155, 6.7903
YIQ	60.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

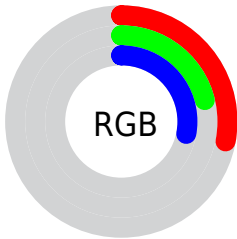
Format	Color
R_{YB}	71, 53, 72
Decimal	4666696
CIE _{Lab}	25.00, 11.97, -8.62
CIE _{LCh}	25, 14.749, 324.225
Yxy	4.4155, 0.3131, 0.2707
Android (android.graphics.Color)	4282856776 (0xFF473548)
YUV	60.5480, 5.6458, 9.1664
Hunter-Lab	21.0130, 6.6209, -4.4501

Details

The CIELCh color **25, 14.749, 324.225** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29, 14.707, 141.599**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 14.403, 325.300**, and **5, 14.984, 323.406** is the 20% darker color. If you saturate the color by 10%, you get **23, 20.334, 324.670**, and if you desaturate by 10%, it is **27, 9.106, 323.764**.

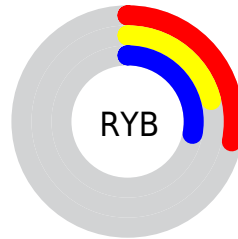
Distribution



 Red (28%)

 Green (21%)

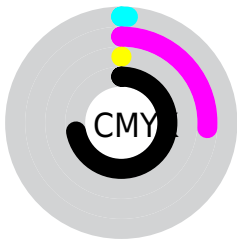
 Blue (28%)



 Red (28%)

 Yellow (21%)

 Blue (28%)

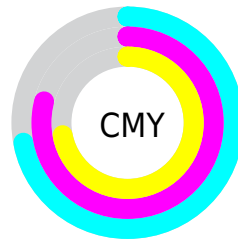


 Cyan (1%)

 Magenta (26%)

 Yellow (0%)

 Black (72%)



 Cyan (72%)


 Magenta (79%)


 Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 14.749, 324.225 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, 14.749, 324.225 by changing the saturation by 10% instead.

 25, 14.749,
324.225


 25, 14.749,
324.225

 100, 14.749,
324.225


 15, 14.749,
324.225


 45, 14.749,
324.225


 5, 14.749, 324.225

 55, 14.749,
324.225

 0, 14.749, 324.225

 65, 14.749,
324.225

 75, 14.749,
324.225

 85, 14.749,
324.225

 95, 14.749,

324.225

■ 25, 14.749,
324.225

■ 25, 14.749,
324.225

■ 23, 20.334,
324.670

■ 27, 9.106, 323.764

■ 29, 3.484, 323.284

■ 21, 25.756,
325.088

■ 32, 2.065, 142.922

■ 19, 30.879,
325.465

■ 34, 7.506, 142.438

■ 18, 35.535,
325.785

■ 36, 12.817,
142.005

■ 16, 39.543,
326.032

■ 39, 17.990,
141.595

■ 15, 42.732,
326.191

■ 41, 23.017,
141.206

■ 14, 45.591,
326.320

■ 43, 27.902,
140.841

■ 14, 46.726,
326.377

■ 46, 32.645,
140.497

Harmonies

Complementary

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



25, 14.749, 324.225



29, 14.707, 141.599

Rectangle

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



25, 14.749, 324.225



25, 14.749, 14.225



25, 14.749, 144.225



25, 14.749, 194.225

Sweetspot

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



25, 14.748, 324.225



38, 5.557, 323.387



23, 11.820, 290.214



18, 3.984, 323.433



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



25, 14.748, 324.225



31, 22.367, 324.539



25, 11.116, 342.164



13, 3.072, 323.400



21, 58.083, 326.292



52, 106.124, 326.149

Inverse Universe

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



24, 9.093, 17.090



31, 14.094, 17.861



29, 10.888, 158.233



13, 1.802, 15.522



19, 48.339, 33.536



47, 93.678, 38.368

Previews

White Background



This preview shows how the CIELCh color 25, 14.749, 324.225 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, 14.749, 324.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

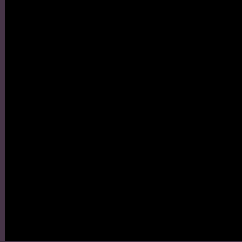
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 14.749, 324.225

Background



This preview shows how black text looks on a background with the CIELCh color 25, 14.749, 324.225.



This preview shows how white text looks on a background with the CIELCh color 25, 14.749, 324.225.

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, 14.749, 324.225

Protanopia

25, 11.268, 284.317

Deuteranopia

25, 9.259, 294.666



Tritanopia
25, 6.973, 358.723

Trichromacy



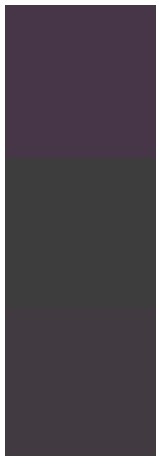
Original Color
25, 14.749, 324.225

Protanomaly
25, 12.034, 300.458

Deuteranomaly
25, 11.151, 309.993

Tritanomaly
25, 9.743, 339.006

Monochromacy



Original Color
25, 14.749, 324.225

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 5.586, 324.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 14.749, 324.225 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(71, 53, 72)` looks like.

```
.text, #text, p{  
    color:rgb(71, 53, 72)  
}
```

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(71, 53, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 53, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 14.749, 324.225 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(71, 53, 72) }
```

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

```
.border{ border-color:rgb(71, 53, 72) }
```

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

Here you see how a box with a 4 pixel rgb(71, 53, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 53, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 53, 72);  
box-shadow:4px 4px 4px 4px rgb(71, 53, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 14.749, 324.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 53, 72) }
```

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

```
.background{ background-color: rgb(71, 53,  
72) }
```

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