

Converting Colors

CIELCh(25, 16.779, 325.823)

Have a look what the booklet for
CIELCh(25, 16.779, 325.823)
contains.

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Color

CIELCh(25, 17.245, 325.886)

Conversions

Conversions Part 1

Format	Color
Hex	4A344A
RGB	74, 52, 74
RGB Percent	29%, 20%, 29%
CMY	0.7095, 0.7958, 0.7095
CMYK	0.00, 0.30, 0.00, 0.71
HSL	300°, 17%, 25%
HSV	300°, 30%, 29%
XYZ	5.2983, 4.4155, 7.0634
YIQ	61.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

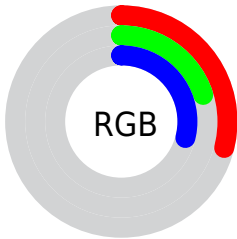
Format	Color
R_{YB}	74, 52, 74
Decimal	4863050
CIE Lab	25.00, 14.28, -9.67
CIE LCh	25, 17.245, 325.886
Yxy	4.4155, 0.3158, 0.2632
Android (android.graphics.Color)	4283053130 (0xFF4A344A)
YUV	61.0860, 6.3666, 11.3256
Hunter-Lab	21.0130, 8.2351, -5.2208

Details

The CIELCh color $[25, 17.245, 325.886]$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $[29, 17.241, 142.636]$, and the grayscale version is $[26, 0.004, 296.813]$.

A 20% lighter version of the original color is $[45, 17.221, 325.453]$, and $[5, 16.871, 325.643]$ is the 20% darker color. If you saturate the color by 10%, you get $[23, 22.934, 326.355]$, and if you desaturate by 10%, it is $[27, 11.438, 325.399]$.

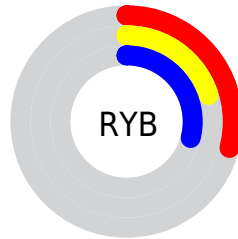
Distribution



Red (29%)

Green (20%)

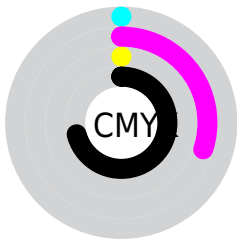
Blue (29%)



Red (29%)

Yellow (20%)

Blue (29%)

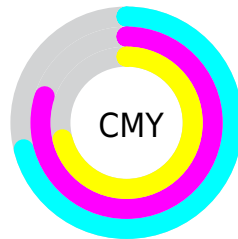


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (71%)



Cyan (71%)


Magenta (80%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 17.245, 325.886 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, 17.245, 325.886 by changing the saturation by 10% instead.

 25, 17.245,
325.886


 25, 17.245,
325.886

 100, 17.245,
325.886


 15, 17.245,
325.886


 45, 17.245,
325.886


 5, 17.245, 325.886

 55, 17.245,
325.886

 0, 17.245, 325.886

 65, 17.245,
325.886

 75, 17.245,
325.886

 85, 17.245,
325.886

 95, 17.245,

325.886

■ 25, 17.245,
325.886

■ 25, 17.245,
325.886

■ 23, 22.934,
326.355

■ 27, 11.438,
325.399

■ 21, 28.378,
326.793

■ 29, 5.612, 324.896

■ 20, 33.421,
327.191

■ 32, 0.164, 145.203

■ 34, 5.843, 143.971

■ 18, 37.882,
327.534

■ 36, 11.395,
143.492

■ 17, 41.584,
327.814

■ 39, 16.803,
143.039

■ 16, 44.443,
328.025

■ 41, 22.058,
142.606

■ 15, 47.224,
328.228

■ 43, 27.160,
142.197

■ 15, 47.308,
328.234

■ 46, 32.110,
141.810

Harmonies

Complementary

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



25, 17.245, 325.886



29, 17.241, 142.636

Rectangle

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



25, 17.245, 325.886



25, 17.245, 15.886



25, 17.245, 145.886



25, 17.245, 195.886

Sweetspot

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



25, 17.244, 325.886



39, 6.499, 324.878



23, 14.742, 293.361



18, 4.457, 324.919



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, 17.244, 325.886



31, 26.021, 326.249



25, 12.301, 346.075



14, 3.312, 324.845



23, 58.969, 328.234



54, 106.713, 328.234

Inverse Universe

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



25, 17.244, 325.886



31, 26.021, 326.249



29, 11.901, 161.230



14, 3.312, 324.845



23, 58.969, 328.234



54, 106.713, 328.234

Previews

White Background



This preview shows how the CIE LCh color 25, 17.245, 325.886 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, 17.245, 325.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

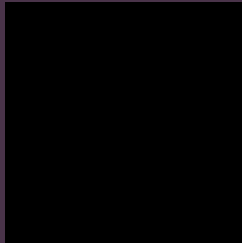
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 17.245, 325.886

Background



This preview shows how black text looks on a background with the CIELCh color 25, 17.245, 325.886.

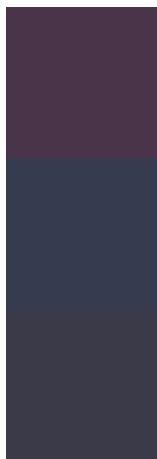


This preview shows how white text looks on a background with the CIELCh color 25, 17.245, 325.886.

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, 17.245, 325.886

Protanopia

25, 13.254, 284.411

Deuteranopia

25, 9.917, 294.609



Tritanopia
25, 8.322, 2.763

Trichromacy



Original Color
25, 17.245, 325.886

Protanomaly
25, 14.076, 301.276

Deuteranomaly
25, 11.776, 309.046

Tritanomaly
25, 10.804, 344.274

Monochromacy



Original Color
25, 17.245, 325.886

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 6.373, 325.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 17.245, 325.886 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(74, 52, 74)` looks like.

```
.text, #text, p{  
    color:rgb(74, 52, 74)  
}
```

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(74, 52, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 52, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 17.245, 325.886 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(74, 52, 74) }
```

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

```
.border{ border-color:rgb(74, 52, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 52, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 52, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 52, 74);  
box-shadow:4px 4px 4px 4px rgb(74, 52, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 17.245, 325.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 52, 74) }
```

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

```
.background{ background-color: rgb(74, 52,  
74) }
```

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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