

Converting Colors

CIELCh(35, 24.832, 345.648)

Have a look what the booklet for
CIELCh(35, 24.832, 345.648)
contains.

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Color

CIELCh(35, 24.832, 345.648)

Conversions

Conversions Part 1

Format	Color
Hex	73445D
RGB	115, 68, 93
RGB Percent	45%, 27%, 36%
CMY	0.5504, 0.7346, 0.6366
CMYK	0.00, 0.41, 0.19, 0.55
HSL	328°, 26%, 36%
HSV	328°, 41%, 45%
XYZ	11.0302, 8.4984, 11.3357
YIQ	84.9030, 19.9870, 17.7390

Conversions

Conversions Part 2

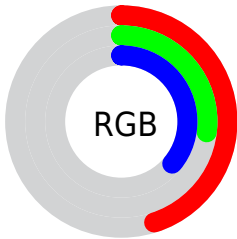
Format	Color
R _Y B	115, 68, 93
Decimal	7554141
CIE Lab	35.00, 24.06, -6.16
CIE LCh	35, 24.832, 345.648
Yxy	8.4984, 0.3574, 0.2753
Android (android.graphics.Color)	4285744221 (0xFF73445D)
YUV	84.9030, 3.9918, 26.3951
Hunter-Lab	29.1520, 16.5225, -2.6485

Details

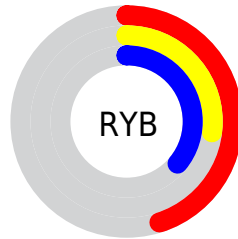
The CIELCh color $[35, 24.832, 345.648]$ is a dark color, and the websafe version is hex $\#663366$. A complement of this color would be $[44, 23.890, 158.211]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 24.840, 345.872]$, and $[15, 24.990, 345.328]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 30.608, 346.862]$, and if you desaturate by 10%, it is $[38, 18.789, 344.588]$.

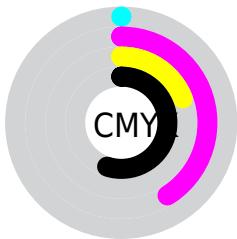
Distribution



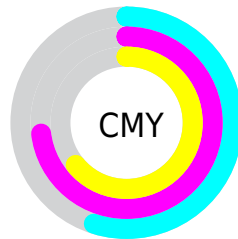
- Red (45%)
- Green (27%)
- Blue (36%)



- Red (45%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (19%)
- Black (55%)




- Cyan (55%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 24.832, 345.648 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 35, 24.832, 345.648 by changing the saturation by 10% instead.


 35, 24.832,
345.648

 35, 24.832,
345.648

 100, 24.832,
345.648

 25, 24.832,
345.648

 55, 24.832,
345.648

 15, 24.832,
345.648

 65, 24.832,
345.648

 5, 24.832, 345.648

 75, 24.832,
345.648

 0, 24.832, 345.648

 85, 24.832,
345.648

 95, 24.832,
345.648

■ 35, 24.832,
345.648

■ 35, 24.832,
345.648

■ 32, 30.608,
346.862

■ 38, 18.789,
344.588

■ 30, 35.888,
348.280

■ 41, 12.660,
343.640

■ 27, 40.393,
349.978

■ 45, 6.564, 342.771

■ 26, 43.846,
352.058

■ 48, 0.578, 341.583

■ 51, 5.252, 161.375

■ 24, 46.053,
354.646

■ 55, 10.905,
160.692

■ 24, 47.553,
357.206

■ 58, 16.373,
160.073

■ 62, 21.657,
159.501

■ 65, 26.765,
158.968

Harmonies

Complementary

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



35, 24.832, 345.648



44, 23.890, 158.211

Rectangle

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



35, 24.832, 345.648



35, 24.832, 35.648



35, 24.832, 165.648



35, 24.832, 215.648

Sweetspot

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



35, 24.830, 345.649



56, 8.858, 342.884



33, 30.745, 309.941



28, 5.843, 342.961



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



35, 24.830, 345.649



42, 36.292, 346.766



34, 21.878, 20.664



22, 3.299, 342.603



25, 49.055, 357.401



53, 83.197, 359.779

Inverse Universe

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



35, 24.830, 345.649



42, 36.292, 346.766



45, 16.915, 194.332



22, 3.299, 342.603



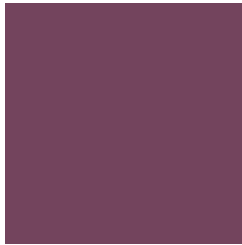
25, 49.055, 357.401



53, 83.197, 359.779

Previews

White Background



This preview shows how the CIE LCh color 35, 24.832, 345.648 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 35, 24.832, 345.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

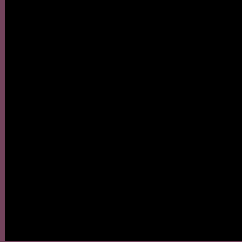
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 24.832, 345.648

Background



This preview shows how black text looks on a background with the CIELCh color 35, 24.832, 345.648.



This preview shows how white text looks on a background with the CIELCh color 35, 24.832, 345.648.

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

35, 24.832, 345.648

Protanopia

35, 12.529, 285.185

Deuteranopia

35, 6.934, 316.148



Tritanopia
35, 19.262, 13.561

Trichromacy



Original Color
35, 24.832, 345.648

Protanomaly
35, 14.937, 314.566

Deuteranomaly
35, 12.900, 335.097

Tritanomaly
35, 20.668, 2.232

Monochromacy



Original Color
35, 24.832, 345.648

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 9.194, 343.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 24.832, 345.648 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(115, 68, 93)` looks like.

```
.text, #text, p{  
    color:rgb(115, 68, 93)  
}
```

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(115, 68, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 68, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 24.832, 345.648 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(115, 68, 93) }
```

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

```
.border{ border-color:rgb(115, 68, 93) }
```

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

Here you see how a box with a 4 pixel rgb(115, 68, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 68, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 68, 93);  
box-shadow:4px 4px 4px 4px rgb(115, 68,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 24.832, 345.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 68, 93) }
```

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

```
.background{ background-color: rgb(115, 68,  
93) }
```

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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