

Converting Colors

CIELCh(35, 6.906, 254.419)

Have a look what the booklet for
CIELCh(35, 6.906, 254.419) contains.

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Color

CIELCh(35, 7.006, 252.548)

Conversions

Conversions Part 1

Format	Color
Hex	49545D
RGB	73, 84, 93
RGB Percent	29%, 33%, 36%
CMY	0.7146, 0.6715, 0.6362
CMYK	0.22, 0.10, 0.00, 0.64
HSL	207°, 12%, 32%
HSV	207°, 22%, 36%
XYZ	7.8481, 8.4984, 11.5277
YIQ	81.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

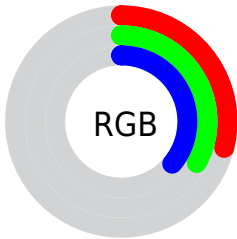
Format	Color
R_{YB}	73, 80, 93
Decimal	4805725
CIE Lab	35.00, -2.10, -6.68
CIE LCh	35, 7.006, 252.548
Yxy	8.4984, 0.2816, 0.3049
Android (android.graphics.Color)	4282995805 (0xFF49545D)
YUV	81.7370, 5.5527, -7.6623
Hunter-Lab	29.1520, -2.9617, -3.0390

Details

The CIELCh color **35, 7.006, 252.548** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 7.509, 67.497**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 6.985, 254.730**, and **15, 6.927, 253.932** is the 20% darker color. If you saturate the color by 10%, you get **33, 10.146, 254.162**, and if you desaturate by 10%, it is **37, 3.790, 251.193**.

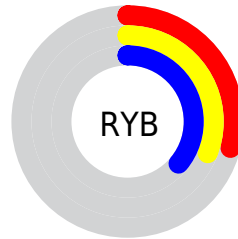
Distribution



Red (29%)

Green (33%)

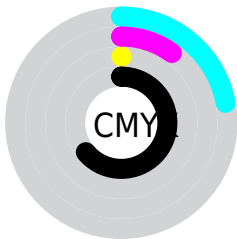
Blue (36%)



Red (29%)

Yellow (31%)

Blue (36%)

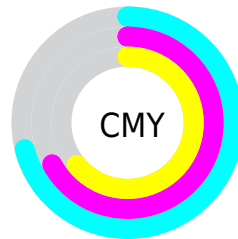


Cyan (22%)

Magenta (10%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (67%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 7.006, 252.548 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, 7.006, 252.548 by changing the saturation by 10% instead.

■ 35, 7.006, 252.548

■ 35, 7.006, 252.548

■ 100, 7.006,
252.548

■ 25, 7.006, 252.548

■ 55, 7.006, 252.548

■ 15, 7.006, 252.548

■ 65, 7.006, 252.548

■ 5, 7.006, 252.548

■ 75, 7.006, 252.548

■ 0, 7.006, 252.548

■ 85, 7.006, 252.548

■ 95, 7.006, 252.548

■ 35, 7.006, 252.548

■ 35, 7.006, 252.548

■ 33, 10.146,
254.162

■ 37, 3.790, 251.193

31, 13.195,
256.094

39, 0.516, 250.418

29, 16.141,
258.387

41, 2.802, 68.890

43, 6.150, 68.085

27, 18.980,
261.096

45, 9.516, 67.365

25, 21.718,
264.261

47, 12.889, 66.735

49, 16.261, 66.182

24, 24.380,
267.896

52, 19.625, 65.695

22, 27.012,
271.935

54, 22.975, 65.262

21, 29.330,
275.082

Harmonies

Complementary

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



35, 7.006, 252.548



36, 7.509, 67.497

Rectangle

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



35, 7.006, 252.548



35, 7.006, 302.548



35, 7.006, 72.548



35, 7.006, 122.548

Sweetspot

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



35, 7.006, 252.541



49, 2.443, 250.597



37, 10.982, 158.571



25, 1.633, 250.634



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 7.006, 252.541



44, 10.380, 253.356



32, 11.832, 289.720



18, 1.827, 250.874



25, 33.576, 276.185



54, 62.656, 279.516

Inverse Universe

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



33, 11.057, 342.694



41, 16.521, 343.155



38, 11.373, 105.321



17, 2.819, 341.644



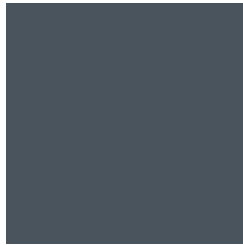
22, 46.379, 355.454



51, 81.000, 357.979

Previews

White Background



This preview shows how the CIE LCh color 35, 7.006, 252.548 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 CIE LCh color 35, 7.006, 252.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

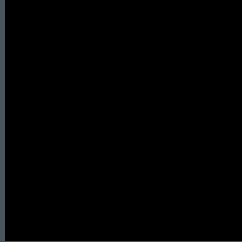
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

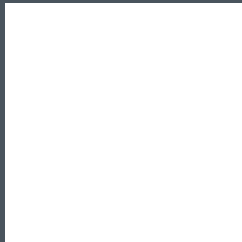
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 7.006, 252.548

Background



This preview shows how black text looks on a background with the CIELCh color 35, 7.006, 252.548.



This preview shows how white text looks on a background with the CIELCh color 35, 7.006, 252.548.

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

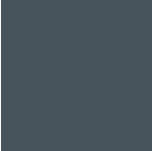
35, 7.006, 252.548

Protanopia

35, 5.626, 286.944

Deuteranopia

35, 9.022, 304.693



Tritanopia
35, 6.390, 242.258

Trichromacy



Original Color

35, 7.006, 252.548

Protanomaly

35, 5.921, 271.125

Deuteranomaly

35, 8.127, 291.541

Tritanomaly

35, 6.800, 246.424

Monochromacy



Original Color

35, 7.006, 252.548

Achromatopsia

35, 0.005, 296.813

Achromatomaly

35, 2.486, 248.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 7.006, 252.548 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(73, 84, 93)` looks like.

```
.text, #text, p{  
    color:rgb(73, 84, 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(73, 84, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 84, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 7.006, 252.548 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(73, 84, 93) }
```

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

```
.border{ border-color:rgb(73, 84, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 84, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 84, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 84, 93);  
box-shadow:4px 4px 4px 4px rgb(73, 84, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 7.006, 252.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 84, 93) }
```

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

```
.background{ background-color: rgb(73, 84,  
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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