

Converting Colors

CIELCh(35, 25.240, 241.743)

Have a look what the booklet for
CIELCh(35, 25.240, 241.743)
contains.

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Color

CIELCh(35, 25.222, 242.026)

Conversions

Conversions Part 1

Format	Color
Hex	015975
RGB	1, 89, 117
RGB Percent	0%, 35%, 46%
CMY	0.9966, 0.6497, 0.5398
CMYK	0.99, 0.24, 0.00, 0.54
HSL	194°, 99%, 23%
HSV	194°, 99%, 46%
XYZ	6.8422, 8.4984, 18.2174
YIQ	65.8800, -61.4360, -9.9480

Conversions

Conversions Part 2

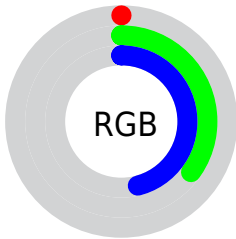
Format	Color
R _Y B	1, 51, 117
Decimal	88437
CIE Lab	35.00, -11.83, -22.28
CIE LCh	35, 25.222, 242.026
Yxy	8.4984, 0.2039, 0.2532
Android (android.graphics.Color)	4278278517 (0xFF015975)
YUV	65.8800, 25.2022, -56.8998
Hunter-Lab	29.1520, -9.1205, -16.6446

Details

The CIELCh color **35, 25.222, 242.026** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26, 52.629, 44.848**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 25.177, 241.732**, and **16, 20.361, 262.681** is the 20% darker color. If you saturate the color by 10%, you get **35, 25.303, 242.282**, and if you desaturate by 10%, it is **36, 24.152, 238.380**.

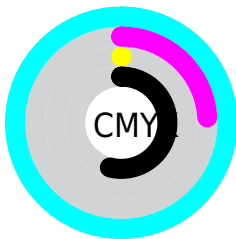
Distribution



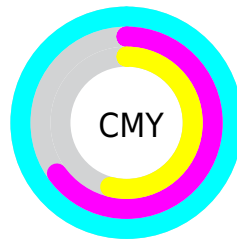
- Red (0%)
- Green (35%)
- Blue (46%)



- Red (0%)
- Yellow (20%)
- Blue (46%)



- Cyan (99%)
- Magenta (24%)
- Yellow (0%)
- Black (54%)





- Cyan (100%)
- Magenta (65%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 25.222, 242.026 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, 25.222, 242.026 by changing the saturation by 10% instead.


 35, 25.222,
242.026


 35, 25.222,
242.026

 100, 25.222,
242.026


 25, 25.222,
242.026

 55, 25.222,
242.026


 15, 25.222,
242.026


 65, 25.222,
242.026

 5, 25.222, 242.026

 75, 25.222,
242.026

 0, 25.222, 242.026

 85, 25.222,
242.026

 95, 25.222,
242.026

■ 35, 25.222,
242.026

■ 35, 25.222,
242.026

■ 35, 25.303,
242.282

■ 36, 24.152,
238.380

■ 37, 22.887,
235.080

■ 38, 21.237,
232.378

■ 40, 19.176,
230.209

■ 41, 16.710,
228.493

■ 43, 13.871,
227.152

■ 44, 10.703,
226.119

■ 46, 7.255, 225.338

Harmonies

Complementary

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



35, 25.222, 242.026



26, 52.629, 44.848

Rectangle

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



35, 25.222, 242.026



35, 25.222, 292.026



35, 25.222, 62.026



35, 25.222, 112.026

Sweetspot

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



35, 25.221, 242.026



57, 13.566, 226.256



43, 60.995, 140.181



28, 9.100, 226.579



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



35, 25.221, 242.026



45, 30.829, 243.531



17, 57.970, 298.399



24, 2.172, 224.776



36, 26.102, 242.500



72, 44.813, 245.206

Inverse Universe

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



25, 54.402, 340.031



34, 65.789, 340.497



39, 46.930, 82.948



23, 4.023, 332.504



27, 56.151, 340.179



56, 94.332, 341.024

Previews

White Background



This preview shows how the CIE LCh color 35, 25.222, 242.026 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, 25.222, 242.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

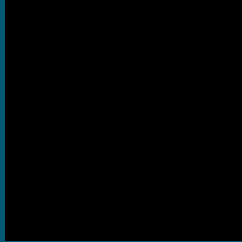
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

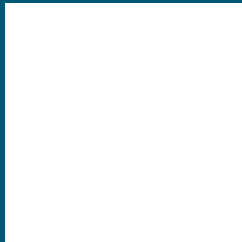
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 25.222, 242.026

Background



This preview shows how black text looks on a background with the CIELCh color 35, 25.222, 242.026.



This preview shows how white text looks on a background with the CIELCh color 35, 25.222, 242.026.

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, 25.170, 242.147

Protanopia

35, 18.817, 285.530

Deuteranopia

35, 23.340, 282.224

Trichromacy



Original Color
35, 25.170, 242.147

Protanomaly
34, 20.986, 259.269

Deuteranomaly
35, 23.349, 261.492

Monochromacy



Original Color
35, 25.170, 242.147

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 13.180, 230.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 25.222, 242.026 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(1, 89, 117)` looks like.

```
.text, #text, p{  
    color:rgb(1, 89, 117)  
}
```

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(1, 89, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 89, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 25.222, 242.026 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(1, 89, 117) }
```

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

```
.border{ border-color:rgb(1, 89, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 89, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 89, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 89, 117);  
box-shadow:4px 4px 4px 4px rgb(1, 89, 117)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 25.222, 242.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 89, 117) }
```

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

```
.background{ background-color: rgb(1, 89,  
117) }
```

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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