

Converting Colors

CIELCh(35, 9.115, 232.143)

Have a look what the booklet for
CIELCh(35, 9.115, 232.143) contains.

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Color

CIELCh(35, 9.042, 232.293)

Conversions

Conversions Part 1

Format	Color
Hex	41555D
RGB	65, 85, 93
RGB Percent	25%, 33%, 36%
CMY	0.7435, 0.6650, 0.6336
CMYK	0.30, 0.09, 0.00, 0.63
HSL	197°, 18%, 31%
HSV	197°, 30%, 37%
XYZ	7.4830, 8.4984, 11.7004
YIQ	79.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

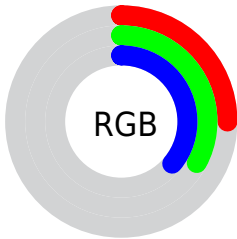
Format	Color
RYB	65, 77, 93
Decimal	4281693
CIELab	35.00, -5.53, -7.15
CIElCh	35, 9.042, 232.293
Yxy	8.4984, 0.2703, 0.3070
Android (android.graphics.Color)	4282471773 (0xFF41555D)
YUV	79.9320, 6.4425, -13.0954
Hunter-Lab	29.1520, -5.1967, -3.3901

Details

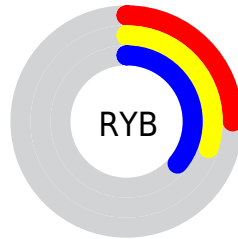
The CIELCh color **35, 9.042, 232.293** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **33, 10.724, 48.305**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 8.881, 230.085**, and **15, 9.083, 231.343** is the 20% darker color. If you saturate the color by 10%, you get **34, 11.701, 233.560**, and if you desaturate by 10%, it is **37, 6.183, 231.285**.

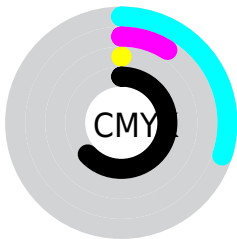
Distribution



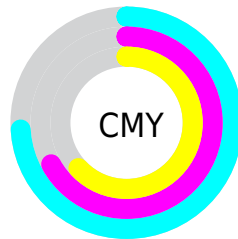
- Red (25%)
- Green (33%)
- Blue (36%)



- Red (25%)
- Yellow (30%)
- Blue (36%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (63%)



- Cyan (74%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 9.042, 232.293 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, 9.042, 232.293 by changing the saturation by 10% instead.

■ 35, 9.042, 232.293

■ 35, 9.042, 232.293

■ 100, 9.042,
232.293

■ 25, 9.042, 232.293

■ 55, 9.042, 232.293

■ 15, 9.042, 232.293

■ 65, 9.042, 232.293

■ 5, 9.042, 232.293

■ 75, 9.042, 232.293

■ 0, 9.042, 232.293

■ 85, 9.042, 232.293

■ 95, 9.042, 232.293

■ 35, 9.042, 232.293

■ 35, 9.042, 232.293

■ 34, 11.701,
233.560

■ 37, 6.183, 231.285

■ 32, 14.125,
235.158

■ 38, 3.157, 230.524

■ 31, 16.287,
237.148

■ 40, 0.006, 343.006

■ 41, 3.267, 49.198

■ 30, 18.166,
239.606

■ 43, 6.613, 48.847

■ 28, 19.763,
242.601

■ 45, 10.018, 48.552

■ 46, 13.466, 48.317

■ 27, 21.104,
246.183

■ 48, 16.941, 48.133

■ 26, 22.415,
249.775

■ 50, 20.433, 47.990

■ 26, 22.417,
249.780

Harmonies

Complementary

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



35, 9.042, 232.293



33, 10.724, 48.305

Rectangle

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



35, 9.042, 232.293



35, 9.042, 282.293



35, 9.042, 52.293



35, 9.042, 102.293

Sweetspot

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



35, 9.042, 232.288



50, 3.559, 230.481



37, 17.214, 151.435



25, 2.445, 230.543



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, 9.042, 232.288



44, 13.277, 233.169



31, 14.126, 283.292



18, 1.750, 230.453



31, 25.261, 250.832



65, 45.662, 254.282

Inverse Universe

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



31, 17.341, 335.677



39, 25.950, 336.201



37, 13.737, 96.097



17, 3.167, 334.227



23, 50.471, 342.911



53, 87.924, 344.174

Previews

White Background



This preview shows how the CIE LCh color 35, 9.042, 232.293 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, 9.042, 232.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

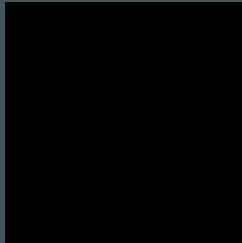
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

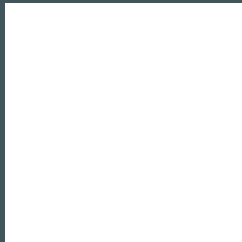
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 9.042, 232.293

Background



This preview shows how black text looks on a background with the CIELCh color 35, 9.042, 232.293.



This preview shows how white text looks on a background with the CIELCh color 35, 9.042, 232.293.

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

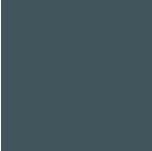
35, 9.042, 232.293

Protanopia

35, 5.626, 286.944

Deuteranopia

35, 9.550, 301.500



Tritanopia
35, 8.850, 223.602

Trichromacy



Original Color

35, 9.042, 232.293

Protanomaly

35, 6.394, 260.981

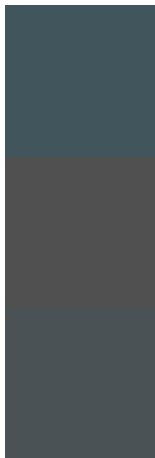
Deuteranomaly

35, 7.708, 276.419

Tritanomaly

35, 9.071, 227.409

Monochromacy



Original Color

35, 9.042, 232.293

Achromatopsia

34, 0.005, 296.813

Achromatomaly

34, 3.425, 232.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 9.042, 232.293 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(65, 85, 93)` looks like.

```
.text, #text, p{  
    color:rgb(65, 85, 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(65, 85, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 85, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 9.042, 232.293 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(65, 85, 93) }
```

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

```
.border{ border-color:rgb(65, 85, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 85, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 85, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 85, 93);  
box-shadow:4px 4px 4px 4px rgb(65, 85, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 9.042, 232.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 85, 93) }
```

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

```
.background{ background-color: rgb(65, 85,  
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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