

Converting Colors

CIELCh(35, 10.505, 220.637)

Have a look what the booklet for
CIELCh(35, 10.505, 220.637)
contains.

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Color

CIELCh(35, 10.612, 222.729)

Conversions

Conversions Part 1

Format	Color
Hex	3C565D
RGB	60, 86, 93
RGB Percent	24%, 34%, 36%
CMY	0.7630, 0.6610, 0.6335
CMYK	0.35, 0.07, 0.00, 0.63
HSL	193°, 21%, 30%
HSV	193°, 35%, 37%
XYZ	7.2483, 8.4984, 11.7178
YIQ	79.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

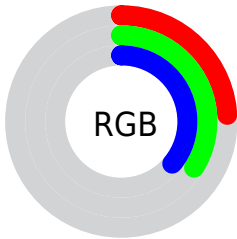
Format	Color
RYB	60, 75, 93
Decimal	3954269
CIELab	35.00, -7.80, -7.20
CIELCh	35, 10.612, 222.729
Yxy	8.4984, 0.2639, 0.3094
Android (android.graphics.Color)	4282144349 (0xFF3C565D)
YUV	79.0240, 6.8902, -16.6840
Hunter-Lab	29.1520, -6.6342, -3.4255

Details

The CIELCh color **35, 10.612, 222.729** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 13.318, 40.472**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 10.510, 221.174**, and **15, 10.638, 221.246** is the 20% darker color. If you saturate the color by 10%, you get **34, 13.102, 223.677**, and if you desaturate by 10%, it is **36, 7.861, 222.012**.

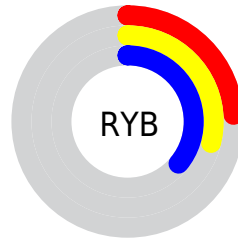
Distribution



Red (24%)

Green (34%)

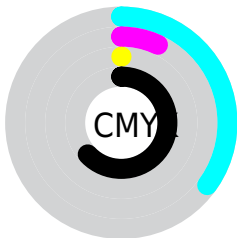
Blue (36%)



Red (24%)

Yellow (29%)

Blue (36%)

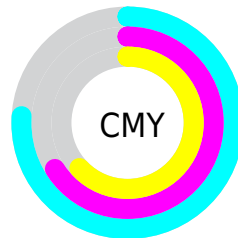


Cyan (35%)

Magenta (7%)

Yellow (0%)

Black (63%)



Cyan (76%)


Magenta (66%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 10.612, 222.729 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, 10.612, 222.729 by changing the saturation by 10% instead.


 35, 10.612,
222.729


 35, 10.612,
222.729

 100, 10.612,
222.729


 25, 10.612,
222.729

 55, 10.612,
222.729


 15, 10.612,
222.729


 65, 10.612,
222.729

 5, 10.612, 222.729

 75, 10.612,
222.729

 0, 10.612, 222.729

 85, 10.612,
222.729

 95, 10.612,
222.729

■ 35, 10.612,
222.729

■ 35, 10.612,
222.729

■ 34, 13.102,
223.677

■ 36, 7.861, 222.012

■ 33, 15.289,
224.919

■ 38, 4.890, 221.500

■ 39, 1.740, 221.229

■ 32, 17.140,
226.514

■ 40, 1.553, 40.583

■ 31, 18.635,
228.531

■ 42, 4.957, 40.547

■ 43, 8.444, 40.473

■ 30, 19.771,
231.037

■ 45, 11.992, 40.442

■ 29, 20.648,
233.939

■ 46, 15.582, 40.450

■ 48, 19.198, 40.490

■ 28, 21.072,
235.236

Harmonies

Complementary

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



35, 10.612, 222.729



31, 13.318, 40.472

Rectangle

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



35, 10.612, 222.729



35, 10.612, 272.729



35, 10.612, 42.729



35, 10.612, 92.729

Sweetspot

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



35, 10.612, 222.725



49, 4.426, 221.352



37, 21.553, 147.982



25, 2.940, 221.379



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, 10.612, 222.725



45, 15.285, 223.466



30, 15.121, 278.777



18, 1.789, 221.279



34, 23.623, 236.087



71, 41.974, 238.939

Inverse Universe

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



30, 21.462, 333.101



38, 31.671, 333.630



36, 15.027, 89.543



17, 3.338, 331.435



24, 53.051, 338.302



54, 92.607, 339.117

Previews

White Background



This preview shows how the CIELCh color 35, 10.612, 222.729 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, 10.612, 222.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

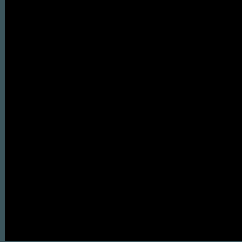
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 10.612, 222.729

Background



This preview shows how black text looks on a background with the CIELCh color 35, 10.612, 222.729.



This preview shows how white text looks on a background with the CIELCh color 35, 10.612, 222.729.

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, 10.612, 222.729

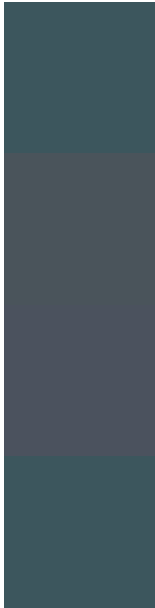
Protanopia
35, 5.004, 286.299

Deuteranopia
35, 9.550, 301.500



Tritanopia
35, 10.612, 222.729

Trichromacy



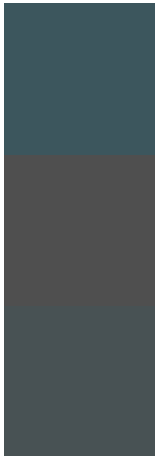
Original Color
35, 10.612, 222.729

Protanomaly
35, 5.852, 247.485

Deuteranomaly
35, 7.926, 270.912

Tritanomaly
35, 10.612, 222.729

Monochromacy



Original Color
35, 10.612, 222.729

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.292, 215.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 10.612, 222.729 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(60, 86, 93)` looks like.

```
.text, #text, p{  
    color:rgb(60, 86, 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(60, 86, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 86, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 10.612, 222.729 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(60, 86, 93) }
```

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

```
.border{ border-color:rgb(60, 86, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 86, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 86, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 86, 93);  
box-shadow:4px 4px 4px 4px rgb(60, 86, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 10.612, 222.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 86, 93) }
```

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

```
.background{ background-color: rgb(60, 86,  
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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