

Converting Colors

CIELCh(35, 10.243, 198.051)

Have a look what the booklet for
CIELCh(35, 10.243, 198.051)
contains.

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Color

CIELCh(35, 10.203, 198.041)

Conversions

Conversions Part 1

Format	Color
Hex	3D5757
RGB	61, 87, 87
RGB Percent	24%, 34%, 34%
CMY	0.7607, 0.6588, 0.6588
CMYK	0.30, 0.00, 0.00, 0.66
HSL	180°, 18%, 29%
HSV	180°, 30%, 34%
XYZ	7.0545, 8.4984, 10.2871
YIQ	79.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

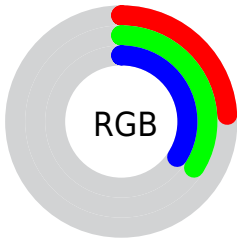
Format	Color
RYB	61, 74, 87
Decimal	4020055
CIELab	35.00, -9.70, -3.16
CIELCh	35, 10.203, 198.041
Yxy	8.4984, 0.2730, 0.3289
Android (android.graphics.Color)	4282210135 (0xFF3D5757)
YUV	79.2260, 3.8326, -15.9842
Hunter-Lab	29.1520, -7.8204, -0.5158

Details

The CIELCh color **35, 10.203, 198.041** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 12.285, 21.603**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 10.412, 198.408**, and **15, 10.378, 197.185** is the 20% darker color. If you saturate the color by 10%, you get **34, 13.119, 197.644**, and if you desaturate by 10%, it is **36, 7.004, 198.481**.

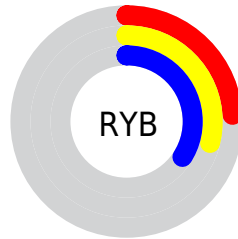
Distribution



Red (24%)

Green (34%)

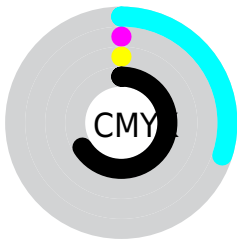
Blue (34%)



Red (24%)

Yellow (29%)

Blue (34%)

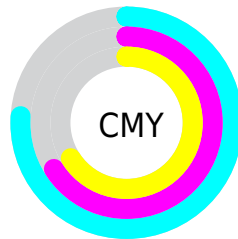


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (66%)



Cyan (76%)


Magenta (66%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 10.203, 198.041 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, 10.203, 198.041 by changing the saturation by 10% instead.


 35, 10.203,
198.041


 35, 10.203,
198.041

 100, 10.203,
198.041


 25, 10.203,
198.041

 55, 10.203,
198.041


 15, 10.203,
198.041


 65, 10.203,
198.041

 5, 10.203, 198.041

 75, 10.203,
198.041

 0, 10.203, 198.041

 85, 10.203,
198.041

 95, 10.203,
198.041

■ 35, 10.203,
198.041

■ 35, 10.203,
198.041

■ 34, 13.119,
197.644

■ 36, 7.004, 198.481

■ 34, 15.702,
197.302

■ 36, 3.572, 198.992

■ 37, 0.045, 12.647

■ 34, 17.910,
197.014

■ 38, 3.801, 19.856

■ 33, 19.713,
196.783

■ 39, 7.657, 20.443

■ 40, 11.579, 21.018

■ 33, 21.093,
196.607

■ 41, 15.540, 21.596

■ 33, 22.059,
196.485

■ 42, 19.516, 22.175

■ 43, 23.490, 22.754

■ 33, 22.884,
196.381

■ 33, 22.894,

Harmonies

Complementary

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



35, 10.203, 198.041



29, 12.285, 21.603

Rectangle

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



35, 10.203, 198.041



35, 10.203, 248.041



35, 10.203, 18.041



35, 10.203, 68.041

Sweetspot

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



35, 10.203, 198.037



46, 4.018, 199.026



34, 19.713, 142.170



23, 2.756, 198.973



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



35, 10.203, 198.037



44, 14.764, 197.746



31, 9.403, 257.754



17, 2.022, 199.056



41, 26.469, 196.380



85, 47.053, 196.379

Inverse Universe

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



29, 12.285, 21.603



35, 18.709, 22.437



32, 10.216, 70.255



16, 2.127, 19.816



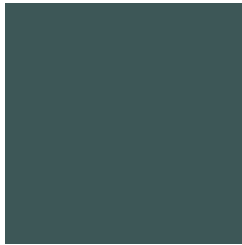
21, 52.681, 36.571



49, 98.180, 39.999

Previews

White Background



This preview shows how the CIE LCh color 35, 10.203, 198.041 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, 10.203, 198.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

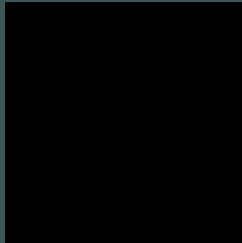
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

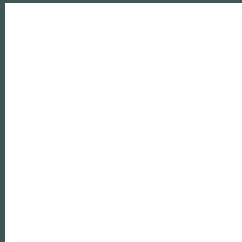
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 10.203, 198.041

Background



This preview shows how black text looks on a background with the CIELCh color 35, 10.203, 198.041.



This preview shows how white text looks on a background with the CIELCh color 35, 10.203, 198.041.

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, 10.203, 198.041

Protanopia

35, 1.328, 309.115

Deuteranopia

35, 6.378, 318.529



Tritanopia
35, 9.998, 224.409

Trichromacy



Original Color
35, 10.203, 198.041

Protanomaly
35, 3.776, 208.505

Deuteranomaly
35, 3.704, 256.843

Tritanomaly
35, 9.662, 217.235

Monochromacy



Original Color
35, 10.203, 198.041

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.175, 198.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 10.203, 198.041 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(61, 87, 87)` looks like.

```
.text, #text, p{  
    color:rgb(61, 87, 87)  
}
```

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(61, 87, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 87, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 10.203, 198.041 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(61, 87, 87) }
```

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

```
.border{ border-color:rgb(61, 87, 87) }
```

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

Here you see how a box with a 4 pixel rgb(61, 87, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 87, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 87, 87);  
box-shadow:4px 4px 4px 4px rgb(61, 87, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 10.203, 198.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 87, 87) }
```

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

```
.background{ background-color: rgb(61, 87,  
87) }
```

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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