

Converting Colors

CIELCh(35, 6.974, 19.991)

Have a look what the booklet for
CIELCh(35, 6.974, 19.991) contains.

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Color

CIELCh(35, 6.659, 20.366)

Conversions

Conversions Part 1

Format	Color
Hex	5E4F4F
RGB	94, 79, 79
RGB Percent	37%, 31%, 31%
CMY	0.6321, 0.6909, 0.6909
CMYK	0.00, 0.16, 0.16, 0.63
HSL	0°, 9%, 34%
HSV	0°, 16%, 37%
XYZ	8.7853, 8.4984, 8.5408
YIQ	83.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

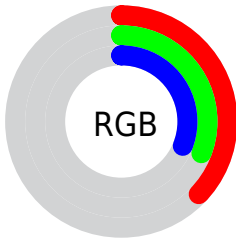
Format	Color
RYB	94, 79, 79
Decimal	6180687
CIELab	35.00, 6.24, 2.32
CIELCh	35, 6.659, 20.366
Yxy	8.4984, 0.3402, 0.3291
Android (android.graphics.Color)	4284370767 (0xFF5E4F4F)
YUV	83.4850, -2.2111, 9.2217
Hunter-Lab	29.1520, 2.7774, 3.0359




Details

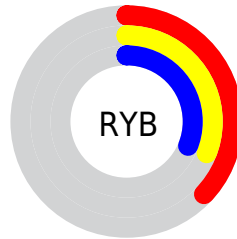
The CIELCh color $35, 6.659, 20.366$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 6.053, 198.674$, and the grayscale version is $35, 0.005, 296.813$.




A 20% lighter version of the original color is $55, 6.892, 20.086$, and $15, 6.642, 21.060$ is the 20% darker color. If you saturate the color by 10%, you get $32, 11.223, 21.248$, and if you desaturate by 10%, it is $38, 2.402, 19.620$.

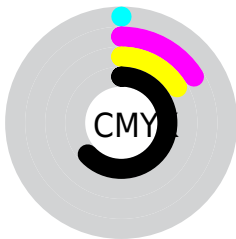
Distribution







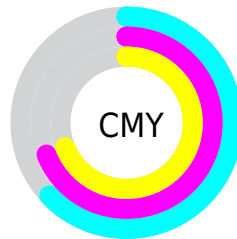
-  Red (37%)
-  Green (31%)
-  Blue (31%)






-  Red (37%)
-  Yellow (31%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (16%)
-  Yellow (16%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (69%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 6.659, 20.366 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, 6.659, 20.366 by changing the saturation by 10% instead.

 35, 6.659, 20.366  35, 6.659, 20.366

 100, 6.659, 20.366  25, 6.659, 20.366

 55, 6.659, 20.366  15, 6.659, 20.366


 65, 6.659, 20.366  5, 6.659, 20.366

 75, 6.659, 20.366  0, 6.659, 20.366

 85, 6.659, 20.366

 95, 6.659, 20.366

 35, 6.659, 20.366  35, 6.659, 20.366

 32, 11.223, 21.248  38, 2.402, 19.620

 29, 16.090, 22.347  41, 1.555, 199.425

27, 21.226, 23.753

44, 5.236, 198.854

24, 26.560, 25.554

47, 8.665, 198.485

22, 31.979, 27.834

50, 11.869,
198.194

20, 37.327, 30.639

53, 14.872,
197.957

19, 42.057, 33.202

18, 45.545, 34.434

57, 17.699,
197.761

17, 46.944, 34.792

60, 20.371,
197.598

63, 22.906,
197.460

Harmonies

Complementary

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



35, 6.659, 20.366



39, 6.053, 198.674

Rectangle

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



35, 6.659, 20.366



35, 6.659, 70.366



35, 6.659, 200.366



35, 6.659, 250.366

Sweetspot

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



35, 6.658, 20.376



49, 2.493, 19.549



35, 11.272, 325.240



25, 1.687, 19.589



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, 6.658, 20.376



44, 9.984, 20.669



37, 5.688, 73.571



17, 2.233, 19.837



21, 53.759, 36.852



50, 98.986, 40.001

Inverse Universe

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



39, 6.053, 198.674



50, 8.869, 198.498



36, 5.479, 257.476



18, 2.122, 199.061



42, 26.909, 196.401



85, 47.430, 196.402

Previews

White Background



This preview shows how the CIE LCh color 35, 6.659, 20.366 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, 6.659, 20.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

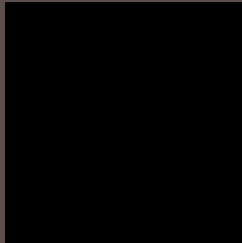
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 6.659, 20.366

Background



This preview shows how black text looks on a background with the CIELCh color 35, 6.659, 20.366.

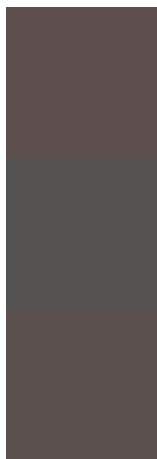


This preview shows how white text looks on a background with the CIELCh color 35, 6.659, 20.366.

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, 6.659, 20.366

Protanopia

35, 1.058, 55.193

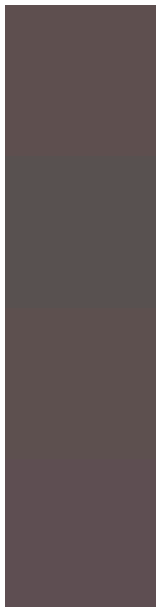
Deuteranopia

35, 5.349, 26.769



Tritanopia
35, 7.893, 352.461

Trichromacy



Original Color
35, 6.659, 20.366

Protanomaly
35, 3.124, 31.204

Deuteranomaly
35, 5.799, 26.318

Tritanomaly
35, 7.437, 1.057

Monochromacy



Original Color
35, 6.659, 20.366

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 2.611, 19.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 6.659, 20.366 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(94, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(94, 79, 79)  
}
```

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(94, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 79, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 6.659, 20.366 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(94, 79, 79) }
```

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

```
.border{ border-color:rgb(94, 79, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 79, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(94, 79, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 6.659, 20.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 79, 79) }
```

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

```
.background{ background-color: rgb(94, 79,  
79) }
```

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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