

Converting Colors

CIELCh(35, 22.086, 222.439)

Have a look what the booklet for
CIELCh(35, 22.086, 222.439)
contains.

CIELCh(35, 22.067, 220.620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	26

Color

CIELCh(35, 22.067, 220.620)

Conversions

Conversions Part 1

Format	Color
Hex	0A5B69
RGB	10, 91, 105
RGB Percent	4%, 36%, 41%
CMY	0.9602, 0.6445, 0.5897
CMYK	0.90, 0.13, 0.00, 0.59
HSL	189°, 82%, 23%
HSV	189°, 90%, 41%
XYZ	6.3682, 8.4984, 14.5702
YIQ	68.3770, -52.7700, -12.8180

Conversions

Conversions Part 2

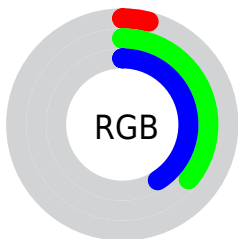
Format	Color
RYB	10, 54, 105
Decimal	678761
CIELab	35.00, -16.75, -14.37
CIELCh	35, 22.067, 220.620
Yxy	8.4984, 0.2163, 0.2887
Android (android.graphics.Color)	4278868841 (0xFF0A5B69)
YUV	68.3770, 18.0551, -51.1966
Hunter-Lab	29.1520, -12.0231, -9.2268

Details

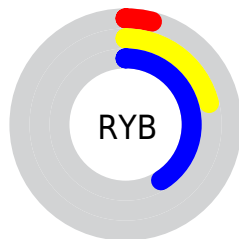
The CIELCh color **35, 22.067, 220.620** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23, 45.486, 39.937**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 22.095, 220.824**, and **16, 15.270, 234.299** is the 20% darker color. If you saturate the color by 10%, you get **34, 22.694, 222.621**, and if you desaturate by 10%, it is **36, 21.228, 218.716**.

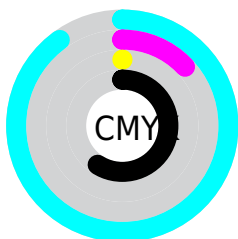
Distribution



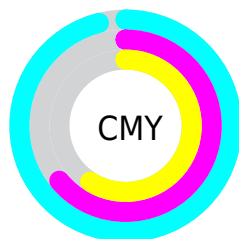
- Red (4%)
- Green (36%)
- Blue (41%)



- Red (4%)
- Yellow (21%)
- Blue (41%)



- Cyan (90%)
- Magenta (13%)
- Yellow (0%)
- Black (59%)





- Cyan (96%)
- Magenta (64%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 22.067, 220.620 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, 22.067, 220.620 by changing the saturation by 10% instead.


 35, 22.067,
220.620


 35, 22.067,
220.620

 100, 22.067,
220.620


 25, 22.067,
220.620

 55, 22.067,
220.620


 15, 22.067,
220.620


 65, 22.067,
220.620

 5, 22.067, 220.620

 75, 22.067,
220.620

 0, 22.067, 220.620

 85, 22.067,
220.620

 95, 22.067,
220.620

■ 35, 22.067,
220.620

■ 35, 22.067,
220.620

■ 34, 22.694,
222.621

■ 36, 21.228,
218.716

■ 36, 19.941,
217.211

■ 37, 18.198,
216.050

■ 38, 16.017,
215.182

■ 39, 13.435,
214.556

■ 40, 10.501,
214.131

■ 42, 7.268, 213.873

■ 43, 3.788, 213.773

Harmonies

Complementary

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



35, 22.067, 220.620



23, 45.486, 39.937

Rectangle

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



35, 22.067, 220.620



35, 22.067, 270.620



35, 22.067, 40.620



35, 22.067, 90.620

Sweetspot

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



35, 22.066, 220.619



52, 11.652, 214.050



38, 55.972, 139.131



26, 7.847, 214.126



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



35, 22.066, 220.619



44, 27.226, 223.447



20, 40.643, 289.301



22, 2.115, 213.775



39, 24.600, 223.010



77, 42.255, 224.814

Inverse Universe

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



24, 51.866, 334.136



30, 64.404, 334.956



33, 39.457, 75.881



21, 3.979, 329.254



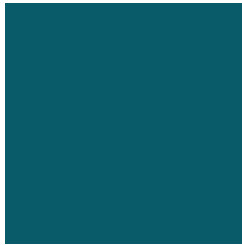
26, 58.252, 334.846



56, 99.595, 335.302

Previews

White Background



This preview shows how the CIELCh color 35, 22.067, 220.620 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, 22.067, 220.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

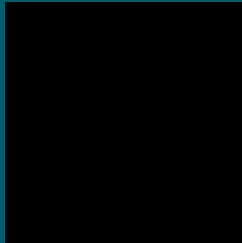
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 22.067, 220.620

Background



This preview shows how black text looks on a background with the CIELCh color 35, 22.067, 220.620.



This preview shows how white text looks on a background with the CIELCh color 35, 22.067, 220.620.

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, 22.141, 220.529

Protanopia

35, 10.637, 287.710

Deuteranopia

35, 16.260, 287.586

Trichromacy



Original Color
35, 22.141, 220.529

Protanomaly
34, 14.094, 240.426

Deuteranomaly
35, 16.611, 251.237

Monochromacy



Original Color
35, 22.141, 220.529

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 11.321, 214.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 22.067, 220.620 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(10, 91, 105)` looks like.

```
.text, #text, p{  
    color:rgb(10, 91, 105)  
}
```

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(10, 91, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 91, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 22.067, 220.620 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(10, 91, 105) }
```

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

```
.border{ border-color:rgb(10, 91, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 91, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 91, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 91, 105);  
box-shadow:4px 4px 4px 4px rgb(10, 91,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 22.067, 220.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 91, 105) }
```

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

```
.background{ background-color: rgb(10, 91,  
105) }
```

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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