

Converting Colors

CIELCh(36, 22.187, 154.794)

Have a look what the booklet for
CIELCh(36, 22.187, 154.794)
contains.

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Color

CIELCh(36, 22.282, 154.923)

Conversions

Conversions Part 1

Format	Color
Hex	355D45
RGB	53, 93, 69
RGB Percent	21%, 36%, 27%
CMY	0.7923, 0.6354, 0.7295
CMYK	0.43, 0.00, 0.26, 0.64
HSL	144°, 27%, 29%
HSV	144°, 43%, 36%
XYZ	6.4512, 9.0082, 7.0239
YIQ	78.3040, -16.1360, -15.9440

Conversions

Conversions Part 2

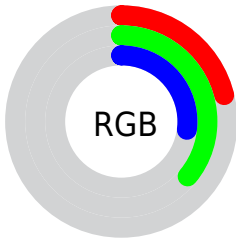
Format	Color
RYB	53, 82, 93
Decimal	3497285
CIELab	36.00, -20.18, 9.44
CIElCh	36, 22.282, 154.923
Yxy	9.0082, 0.2869, 0.4007
Android (android.graphics.Color)	4281687365 (0xFF355D45)
YUV	78.3040, -4.5869, -22.1916
Hunter-Lab	30.0136, -14.1566, 7.1343




Details

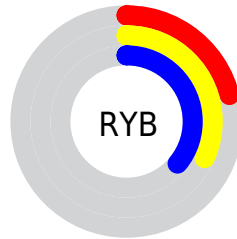
The CIELCh color **36, 22.282, 154.923** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 22.855, 342.084**, and the grayscale version is **33, 0.005, 296.813**.




A 20% lighter version of the original color is **56, 22.572, 154.334**, and **16, 22.434, 154.836** is the 20% darker color. If you saturate the color by 10%, you get **35, 27.125, 153.743**, and if you desaturate by 10%, it is **37, 17.233, 155.965**.

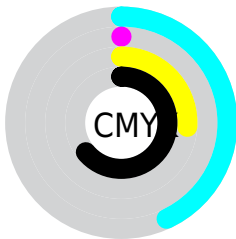
Distribution







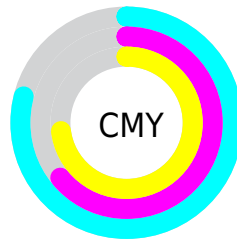
-  Red (21%)
-  Green (36%)
-  Blue (27%)






-  Red (21%)
-  Yellow (32%)
-  Blue (36%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (64%)





-  Cyan (79%)
-  Magenta (64%)
-  Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 22.282, 154.923 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 36, 22.282, 154.923 by changing the saturation by 10% instead.


 36, 22.282,
154.923

 36, 22.282,
154.923

 100, 22.282,
154.923


 26, 22.282,
154.923

 56, 22.282,
154.923


 16, 22.282,
154.923


 66, 22.282,
154.923

 6, 22.282, 154.923

 76, 22.282,
154.923

 0, 22.282, 154.923

 86, 22.282,
154.923

 96, 22.282,
154.923

■ 36, 22.282,
154.923

■ 36, 22.282,
154.923

■ 35, 27.125,
153.743

■ 37, 17.233,
155.965

■ 35, 31.680,
152.409

■ 37, 12.055,
156.891

■ 35, 35.873,
150.905

■ 38, 6.815, 157.724

■ 34, 39.644,
149.225

■ 39, 1.574, 158.560

■ 34, 42.985,
147.414

■ 40, 3.623, 339.026

■ 34, 45.224,
146.287

■ 41, 8.739, 339.659

■ 42, 13.749,
340.213

■ 44, 18.636,
340.719

■ 45, 23.389,

Harmonies

Complementary

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



36, 22.282, 154.923



28, 22.855, 342.084

Rectangle

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



36, 22.282, 154.923



36, 22.282, 204.923



36, 22.282, 334.923



36, 22.282, 24.923

Sweetspot

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



36, 22.283, 154.923



49, 8.386, 157.694



37, 25.145, 123.487



25, 5.916, 157.566



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 22.283, 154.923



45, 32.762, 153.674



37, 15.318, 188.034



18, 2.897, 158.057



40, 51.324, 145.794



83, 93.512, 144.281

Inverse Universe

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



28, 22.855, 342.084



34, 33.619, 343.185



27, 19.214, 15.787



17, 2.919, 339.201



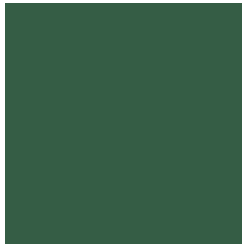
23, 47.335, 351.327



52, 82.494, 353.445

Previews

White Background



This preview shows how the CIELCh color 36, 22.282, 154.923 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 36, 22.282, 154.923 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 36, 22.282, 154.923

Background



This preview shows how black text looks on a background with the CIELCh color 36, 22.282, 154.923.



This preview shows how white text looks on a background with the CIELCh color 36, 22.282, 154.923.

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

36, 22.282, 154.923

Protanopia

36, 12.057, 94.813

Deuteranopia

36, 9.268, 56.897



Tritanopia
36, 11.965, 222.850

Trichromacy



Original Color
36, 22.282, 154.923

Protanomaly
36, 13.712, 127.203

Deuteranomaly
35, 8.849, 120.381

Tritanomaly
36, 12.942, 189.339

Monochromacy



Original Color
36, 22.282, 154.923

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 7.870, 158.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 22.282, 154.923 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(53, 93, 69)` looks like.

```
.text, #text, p{  
    color:rgb(53, 93, 69)  
}
```

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(53, 93, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 93, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 22.282, 154.923 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(53, 93, 69) }
```

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

```
.border{ border-color:rgb(53, 93, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 93, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 93, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 93, 69);  
box-shadow:4px 4px 4px 4px rgb(53, 93, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 22.282, 154.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 93, 69) }
```

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

```
.background{ background-color: rgb(53, 93,  
69) }
```

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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