

Converting Colors

CIELCh(36, 7.636, 57.178)

Have a look what the booklet for
CIELCh(36, 7.636, 57.178) contains.

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Color

CIELCh(36, 7.325, 56.096)

Conversions

Conversions Part 1

Format	Color
Hex	5F524B
RGB	95, 82, 75
RGB Percent	37%, 32%, 29%
CMY	0.6268, 0.6778, 0.7053
CMYK	0.00, 0.14, 0.21, 0.63
HSL	21°, 12%, 33%
HSV	21°, 21%, 37%
XYZ	9.0388, 9.0082, 7.9453
YIQ	85.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

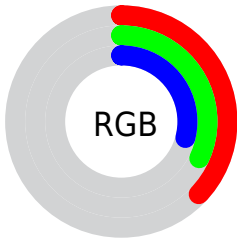
Format	Color
RYB	95, 86, 75
Decimal	6246987
CIELab	36.00, 4.09, 6.08
CIELCh	36, 7.325, 56.096
Yxy	9.0082, 0.3478, 0.3466
Android (android.graphics.Color)	4284437067 (0xFF5F524B)
YUV	85.0890, -4.9739, 8.6919
Hunter-Lab	30.0136, 1.2328, 5.3141

Details

The CIELCh color $[36, 7.325, 56.096]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[37, 6.634, 239.898]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 7.344, 52.714]$, and $[16, 7.214, 55.693]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 11.175, 55.402]$, and if you desaturate by 10%, it is $[38, 3.718, 56.831]$.

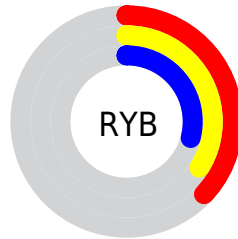
Distribution



 Red (37%)

 Green (32%)

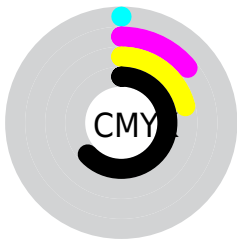
 Blue (29%)



 Red (37%)

 Yellow (34%)

 Blue (29%)

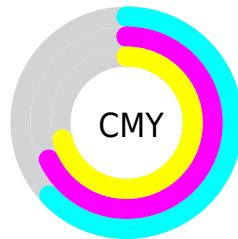


 Cyan (0%)

 Magenta (14%)

 Yellow (21%)

 Black (63%)



 Cyan (63%)


 Magenta (68%)


 Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 7.325, 56.096 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, 7.325, 56.096 by changing the saturation by 10% instead.

 36, 7.325, 56.096  36, 7.325, 56.096

 100, 7.325, 56.096  26, 7.325, 56.096


 56, 7.325, 56.096  16, 7.325, 56.096

 66, 7.325, 56.096  6, 7.325, 56.096


 76, 7.325, 56.096  0, 7.325, 56.096

 86, 7.325, 56.096

 96, 7.325, 56.096

 36, 7.325, 56.096  36, 7.325, 56.096

 34, 11.175, 55.402  38, 3.718, 56.831

 32, 15.283, 54.746  40, 0.333, 56.858

■ 30, 19.656, 54.153

■ 42, 2.852, 238.599

■ 28, 24.280, 53.626

■ 44, 5.857, 239.361

■ 26, 29.103, 53.146

■ 47, 8.704, 240.155

■ 25, 33.998, 52.645

■ 49, 11.410,
240.947

■ 23, 38.413, 51.631

■ 51, 13.991,
241.729

■ 22, 41.860, 50.537

■ 53, 16.463,
242.494

■ 55, 18.839,
243.238

Harmonies

Complementary

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



36, 7.325, 56.096



37, 6.634, 239.898

Rectangle

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



36, 7.325, 56.096



36, 7.325, 106.096



36, 7.325, 236.096



36, 7.325, 286.096

Sweetspot

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



36, 7.325, 56.108



51, 2.492, 57.150



34, 11.787, 337.815



26, 1.668, 57.127



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 7.325, 56.108



46, 11.071, 55.767



39, 10.428, 101.092



19, 1.906, 56.979



27, 48.591, 50.964



57, 88.306, 49.459

Inverse Universe

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



37, 6.634, 239.898



47, 9.777, 240.496



34, 10.732, 285.693



19, 1.835, 238.647



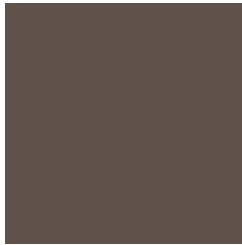
29, 28.358, 262.322



62, 51.545, 265.782

Previews

White Background



This preview shows how the CIELCh color 36, 7.325, 56.096 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, 7.325, 56.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

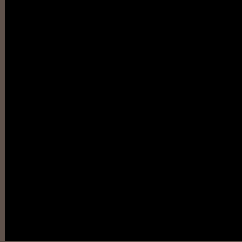
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 7.325, 56.096

Background



This preview shows how black text looks on a background with the CIELCh color 36, 7.325, 56.096.



This preview shows how white text looks on a background with the CIELCh color 36, 7.325, 56.096.

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, 7.325, 56.096

Protanopia

36, 5.254, 89.538

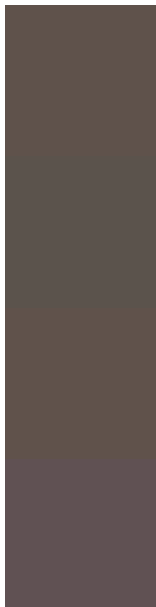
Deuteranopia

36, 7.705, 54.104



Tritanopia
36, 8.523, 350.197

Trichromacy



Original Color
36, 7.325, 56.096

Protanomaly
36, 5.623, 69.900

Deuteranomaly
36, 7.705, 54.104

Tritanomaly
36, 6.687, 9.756

Monochromacy



Original Color
36, 7.325, 56.096

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 2.857, 59.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 7.325, 56.096 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(95, 82, 75)` looks like.

```
.text, #text, p{  
    color:rgb(95, 82, 75)  
}
```

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(95, 82, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 82, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 7.325, 56.096 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(95, 82, 75) }
```

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

```
.border{ border-color:rgb(95, 82, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 82, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 82, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 82, 75);  
box-shadow:4px 4px 4px 4px rgb(95, 82, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 7.325, 56.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 82, 75) }
```

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

```
.background{ background-color: rgb(95, 82,  
75) }
```

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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