

Converting Colors

CIELCh(36, 6.323, 57.580)

Have a look what the booklet for
CIELCh(36, 6.323, 57.580) contains.

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Color

CIELCh(36, 6.586, 60.775)

Conversions

Conversions Part 1

Format	Color
Hex	5E534C
RGB	94, 83, 76
RGB Percent	37%, 33%, 30%
CMY	0.6328, 0.6759, 0.7034
CMYK	0.00, 0.12, 0.19, 0.63
HSL	23°, 11%, 33%
HSV	23°, 19%, 37%
XYZ	8.9358, 9.0082, 8.0403
YIQ	85.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

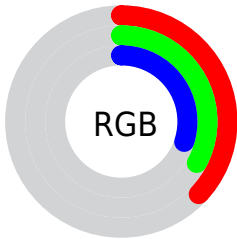
Format	Color
R_{YB}	94, 87, 76
Decimal	6181708
CIE _{Lab}	36.00, 3.22, 5.75
CIE _{LCh}	36, 6.586, 60.775
Yxy	9.0082, 0.3439, 0.3467
Android (android.graphics.Color)	4284371788 (0xFF5E534C)
YUV	85.4910, -4.6791, 7.4624
Hunter-Lab	30.0136, 0.6201, 5.1264

Details

The CIELCh color **36, 6.586, 60.775** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 6.086, 244.705**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 6.647, 56.577**, and **16, 6.748, 58.307** is the 20% darker color. If you saturate the color by 10%, you get **34, 10.325, 59.925**, and if you desaturate by 10%, it is **38, 3.064, 61.642**.

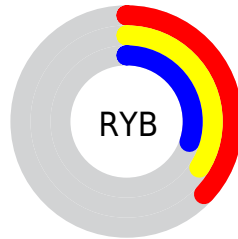
Distribution



 Red (37%)

 Green (33%)

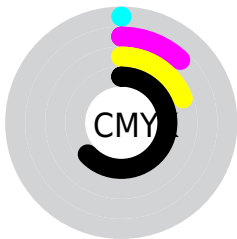
 Blue (30%)



 Red (37%)

 Yellow (34%)

 Blue (30%)

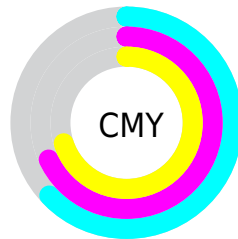


 Cyan (0%)

 Magenta (12%)

 Yellow (19%)

 Black (63%)



 Cyan (63%)

 Magenta (68%)

 Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 6.586, 60.775 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, 6.586, 60.775 by changing the saturation by 10% instead.

 36, 6.586, 60.775  36, 6.586, 60.775

 100, 6.586, 60.775  26, 6.586, 60.775

 56, 6.586, 60.775  16, 6.586, 60.775

 66, 6.586, 60.775  6, 6.586, 60.775

 76, 6.586, 60.775  0, 6.586, 60.775

 86, 6.586, 60.775

 96, 6.586, 60.775

 36, 6.586, 60.775  36, 6.586, 60.775

 34, 10.325, 59.925  38, 3.064, 61.642

 32, 14.297, 59.089  40, 0.259, 243.645

■ 30, 18.507, 58.292

■ 42, 3.403, 243.631

■ 29, 22.944, 57.535

■ 44, 6.387, 244.504

■ 27, 27.563, 56.802

■ 46, 9.229, 245.387

■ 25, 32.253, 56.032

■ 48, 11.945,
246.257

■ 24, 36.638, 54.933

■ 50, 14.550,
247.107

■ 23, 40.350, 53.452

■ 22, 40.641, 53.356

■ 52, 17.057,
247.933

■ 54, 19.477,
248.733

Harmonies

Complementary

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



36, 6.586, 60.775



36, 6.086, 244.705

Rectangle

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



36, 6.586, 60.775



36, 6.586, 110.775



36, 6.586, 240.775



36, 6.586, 290.775

Sweetspot

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



36, 6.586, 60.788



50, 2.466, 61.875



34, 10.374, 339.209



25, 1.622, 61.849



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, 6.586, 60.788



46, 9.968, 60.396



39, 9.721, 103.078



18, 1.832, 61.675



27, 46.865, 53.633



58, 85.679, 51.810

Inverse Universe

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



36, 6.086, 244.705



46, 9.021, 245.308



33, 10.016, 287.126



18, 1.772, 243.527



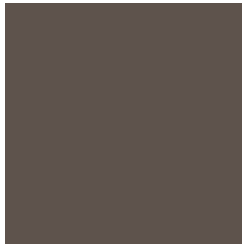
27, 29.874, 268.158



58, 55.235, 271.678

Previews

White Background



This preview shows how the CIELCh color 36, 6.586, 60.775 looks on a white background.

Color Contrast Check

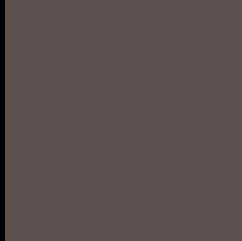
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.586, 60.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

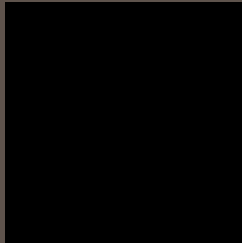
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 6.586, 60.775

Background



This preview shows how black text looks on a background with the CIELCh color 36, 6.586, 60.775.



This preview shows how white text looks on a background with the CIELCh color 36, 6.586, 60.775.

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, 6.586, 60.775

Protanopia

36, 4.673, 87.149

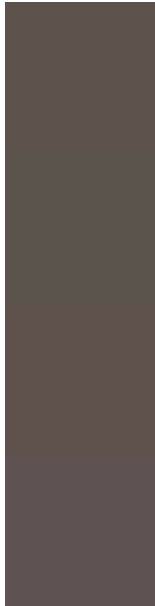
Deuteranopia

36, 7.346, 50.311



Tritanopia
36, 7.090, 348.901

Trichromacy



Original Color

36, 6.586, 60.775

Protanomaly

36, 5.081, 77.757

Deuteranomaly

36, 6.951, 52.185

Tritanomaly

36, 5.724, 14.029

Monochromacy



Original Color

36, 6.586, 60.775

Achromatopsia

36, 0.005, 296.813

Achromatomaly

36, 2.124, 55.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 6.586, 60.775 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, 83, 76)` looks like.

```
.text, #text, p{  
    color:rgb(94, 83, 76)  
}
```

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, 83, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 83, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 6.586, 60.775 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, 83, 76) }
```

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

```
.border{ border-color:rgb(94, 83, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 83, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 83, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 83, 76);  
box-shadow:4px 4px 4px 4px rgb(94, 83, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 6.586, 60.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 83, 76) }
```

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

```
.background{ background-color: rgb(94, 83,  
76) }
```

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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