

Converting Colors

CIELCh(65, 37.178, 155.755)

Have a look what the booklet for
CIELCh(65, 37.178, 155.755)
contains.

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Color

CIELCh(65, 37.297, 155.716)

Conversions

Conversions Part 1

Format	Color
Hex	60AD81
RGB	96, 173, 129
RGB Percent	38%, 68%, 51%
CMY	0.6228, 0.3208, 0.4934
CMYK	0.44, 0.00, 0.25, 0.32
HSL	146°, 32%, 53%
HSV	146°, 44%, 68%
XYZ	23.7982, 34.0472, 26.1490
YIQ	144.9610, -31.7680, -30.0080

Conversions

Conversions Part 2

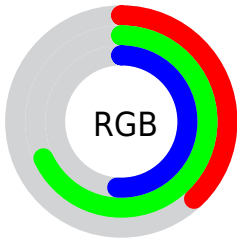
Format	Color
RYB	96, 150, 173
Decimal	6335873
CIELab	65.00, -34.00, 15.34
CIELCh	65, 37.297, 155.716
Yxy	34.0472, 0.2833, 0.4054
Android (android.graphics.Color)	4284525953 (0xFF60AD81)
YUV	144.9610, -7.8688, -42.9388
Hunter-Lab	58.3500, -29.3108, 14.2747

Details

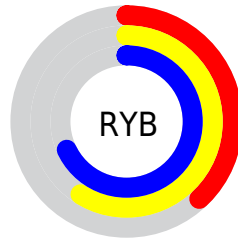
The CIELCh color $65, 37.297, 155.716$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $51, 38.514, 344.041$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 37.379, 155.750$, and $45, 37.035, 155.899$ is the 20% darker color. If you saturate the color by 10%, you get $64, 44.947, 154.374$, and if you desaturate by 10%, it is $66, 29.220, 156.895$.

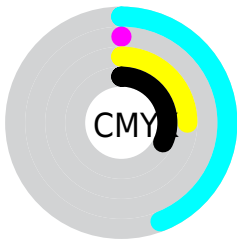
Distribution



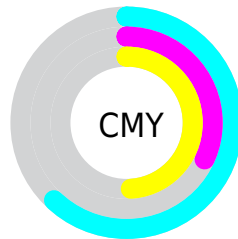
- Red (38%)
- Green (68%)
- Blue (51%)



- Red (38%)
- Yellow (59%)
- Blue (68%)



- Cyan (44%)
- Magenta (0%)
- Yellow (25%)
- Black (32%)





- Cyan (62%)
- Magenta (32%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 37.297, 155.716 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 65, 37.297, 155.716 by changing the saturation by 10% instead.


 65, 37.297,
155.716


 65, 37.297,
155.716


 100, 37.297,
155.716


 55, 37.297,
155.716


 85, 37.297,
155.716

 45, 37.297,
155.716

 95, 37.297,
155.716

 35, 37.297,
155.716

 25, 37.297,
155.716

 15, 37.297,
155.716

 5, 37.297, 155.716

 0, 37.297, 155.716

■ 65, 37.297,
155.716

■ 65, 37.297,
155.716

■ 64, 44.947,
154.374

■ 66, 29.220,
156.895

■ 63, 52.024,
152.847

■ 67, 20.859,
157.935

■ 63, 58.409,
151.121

■ 69, 12.346,
158.862

■ 62, 64.021,
149.194

■ 70, 3.796, 159.741

■ 72, 4.699, 340.310

■ 62, 68.841,
147.089

■ 73, 13.069,
341.019

■ 62, 71.283,
145.942

■ 75, 21.264,
341.633

■ 77, 29.251,
342.191

■ 79, 37.009,
342.705

Harmonies

Complementary

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



65, 37.297, 155.716



51, 38.514, 344.041

Rectangle

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



65, 37.297, 155.716



65, 37.297, 205.716



65, 37.297, 335.716



65, 37.297, 25.716

Sweetspot

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



65, 37.298, 155.716



87, 13.697, 158.971



67, 43.285, 123.939



46, 9.575, 158.781



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 37.298, 155.716



81, 54.052, 154.451



66, 25.721, 189.257



36, 4.832, 159.310



54, 63.886, 146.217



6, 10.811, 156.362

Inverse Universe

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



51, 38.514, 344.041



61, 55.809, 345.221



50, 33.455, 17.782



34, 4.876, 340.659



32, 58.426, 354.788



2, 9.550, 344.951

Previews

White Background



This preview shows how the CIELCh color 65, 37.297, 155.716 looks on a white 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

Black Background



This preview shows how the CIELCh color 65, 37.297, 155.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

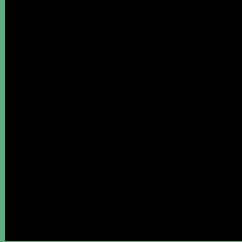
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 37.297, 155.716

Background



This preview shows how black text looks on a background with the CIELCh color 65, 37.297, 155.716.



This preview shows how white text looks on a background with the CIELCh color 65, 37.297, 155.716.

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
65, 37.297, 155.716

Protanopia
65, 20.304, 96.136

Deuteranopia
65, 15.322, 57.882



Tritanopia
65, 20.260, 219.005

Trichromacy



Original Color
65, 37.297, 155.716



Protanomaly
64, 23.271, 130.227



Deuteranomaly
64, 15.381, 122.143



Tritanomaly
65, 22.616, 187.506

Monochromacy



Original Color
65, 37.297, 155.716



Achromatopsia
60, 0.008, 296.813



Achromatomaly
61, 14.086, 158.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 37.297, 155.716 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(96, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(96, 173, 129)  
}
```

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(96, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 173, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 37.297, 155.716 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(96, 173, 129) }
```

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

```
.border{ border-color:rgb(96, 173, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 173, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 173, 129);  
box-shadow:4px 4px 4px 4px rgb(96, 173,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 37.297, 155.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 173, 129) }
```

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

```
.background{ background-color: rgb(96, 173,  
129) }
```

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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