

Converting Colors

CIELCh(65, 23.982, 75.528)

Have a look what the booklet for
CIELCh(65, 23.982, 75.528) contains.

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Color

CIELCh(65, 23.851, 75.542)

Conversions

Conversions Part 1

Format	Color
Hex	B79975
RGB	183, 153, 117
RGB Percent	72%, 60%, 46%
CMY	0.2831, 0.4007, 0.5419
CMYK	0.00, 0.16, 0.36, 0.28
HSL	33°, 31%, 59%
HSV	33°, 36%, 72%
XYZ	34.0451, 34.0472, 21.5533
YIQ	157.8660, 29.4360, -4.8360

Conversions

Conversions Part 2

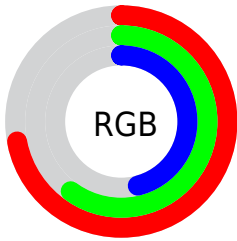
Format	Color
RYB	172, 183, 117
Decimal	12032373
CIELab	65.00, 5.95, 23.10
CIElCh	65, 23.851, 75.542
Yxy	34.0472, 0.3798, 0.3798
Android (android.graphics.Color)	4290222453 (0xFFB79975)
YUV	157.8660, -20.1469, 22.0425
Hunter-Lab	58.3500, 2.0358, 18.9445

Details

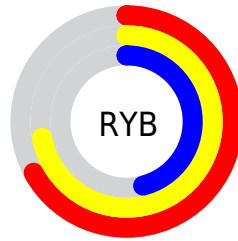
The CIELCh color $65, 23.851, 75.542$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $60, 22.189, 266.183$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 23.960, 75.311$, and $45, 24.072, 75.368$ is the 20% darker color. If you saturate the color by 10%, you get $63, 31.029, 74.208$, and if you desaturate by 10%, it is $68, 16.911, 76.861$.

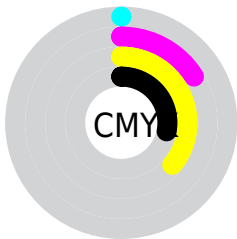
Distribution



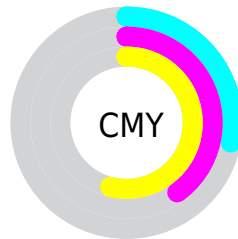
- Red (72%)
- Green (60%)
- Blue (46%)



- Red (67%)
- Yellow (72%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (28%)



- Cyan (28%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 23.851, 75.542 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, 23.851, 75.542 by changing the saturation by 10% instead.

■ 65, 23.851, 75.542

■ 65, 23.851, 75.542

■ 100, 23.851,
75.542

■ 55, 23.851, 75.542

■ 85, 23.851, 75.542

■ 45, 23.851, 75.542

■ 95, 23.851, 75.542

■ 35, 23.851, 75.542

■ 25, 23.851, 75.542

■ 15, 23.851, 75.542

■ 5, 23.851, 75.542

■ 0, 23.851, 75.542

■ 65, 23.851, 75.542

■ 65, 23.851, 75.542

■ 63, 31.029, 74.208

■ 68, 16.911, 76.861

60, 38.380, 72.832

70, 10.227, 78.142

58, 45.755, 71.389

73, 3.795, 79.353

56, 52.844, 69.803

75, 2.401, 260.792

54, 59.078, 67.914

78, 8.382, 261.887

52, 63.667, 65.463

81, 14.168,
263.015

51, 65.303, 64.504

84, 19.780,
264.105

86, 21.677,
259.269

88, 19.848,
245.143

Harmonies

Complementary

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



65, 23.851, 75.542



60, 22.189, 266.183

Rectangle

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



65, 23.851, 75.542



65, 23.851, 125.542



65, 23.851, 255.542



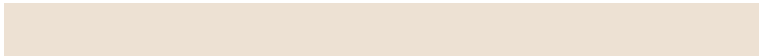
65, 23.851, 305.542

Sweetspot

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



65, 23.851, 75.548



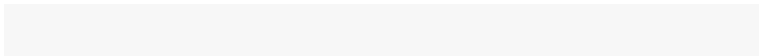
90, 8.554, 78.752



57, 30.889, 349.084



48, 5.810, 78.586



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 23.851, 75.548



80, 35.612, 74.530



73, 35.095, 108.233



37, 3.565, 78.975



44, 57.866, 64.998



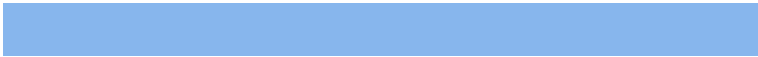
5, 8.902, 66.355

Inverse Universe

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



60, 22.189, 266.183



73, 32.594, 267.966



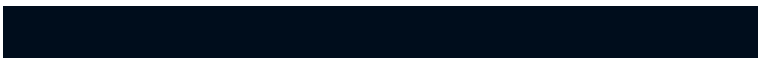
52, 38.392, 295.828



37, 3.513, 261.468



31, 53.855, 287.615



3, 10.652, 270.773

Previews

White Background



This preview shows how the CIELCh color 65, 23.851, 75.542 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, 23.851, 75.542 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, 23.851, 75.542

Background



This preview shows how black text looks on a background with the CIELCh color 65, 23.851, 75.542.



This preview shows how white text looks on a background with the CIELCh color 65, 23.851, 75.542.

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, 23.851, 75.542

Protanopia

65, 21.978, 95.716

Deuteranopia

65, 24.302, 70.091



Tritanopia
65, 16.944, 358.129

Trichromacy



Original Color
65, 23.851, 75.542

Protanomaly
65, 22.360, 87.991

Deuteranomaly
65, 24.179, 72.381

Tritanomaly
65, 14.859, 31.376

Monochromacy



Original Color
65, 23.851, 75.542

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.430, 77.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 23.851, 75.542 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(183, 153, 117)` looks like.

```
.text, #text, p{  
    color:rgb(183, 153, 117)  
}
```

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(183, 153, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 153, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 23.851, 75.542 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(183, 153, 117) }
```

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

```
.border{ border-color:rgb(183, 153, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 153, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 153, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 153, 117);  
box-shadow:4px 4px 4px 4px rgb(183, 153,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 23.851, 75.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 153, 117) }
```

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

```
.background{ background-color: rgb(183,  
153, 117) }
```

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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