

Converting Colors

CIELCh(65, 55.446, 66.061)

Have a look what the booklet for
CIELCh(65, 55.446, 66.061) contains.

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Color

CIELCh(65, 55.653, 66.443)

Conversions

Conversions Part 1

Format	Color
Hex	D98D41
RGB	217, 141, 65
RGB Percent	85%, 55%, 25%
CMY	0.1503, 0.4481, 0.7462
CMYK	0.00, 0.35, 0.70, 0.15
HSL	30°, 66%, 55%
HSV	30°, 70%, 85%
XYZ	38.9480, 34.0472, 9.4790
YIQ	155.0600, 69.6920, -7.5240

Conversions

Conversions Part 2

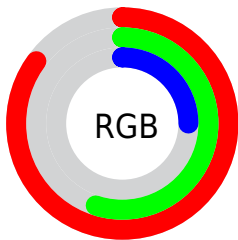
Format	Color
R _Y B	217, 217, 65
Decimal	14257473
CIE Lab	65.00, 22.24, 51.02
CIE LCh	65, 55.653, 66.443
Yxy	34.0472, 0.4722, 0.4128
Android (android.graphics.Color)	4292447553 (0xFFD98D41)
YUV	155.0600, -44.3996, 54.3214
Hunter-Lab	58.3500, 17.0344, 31.2133

Details

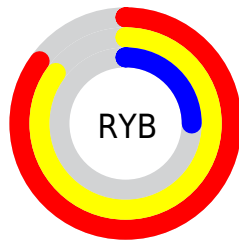
The CIELCh color **65, 55.653, 66.443** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **57, 45.701, 271.655**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 49.271, 75.046**, and **45, 55.586, 66.892** is the 20% darker color. If you saturate the color by 10%, you get **62, 63.807, 64.851**, and if you desaturate by 10%, it is **68, 47.041, 67.836**.

Distribution



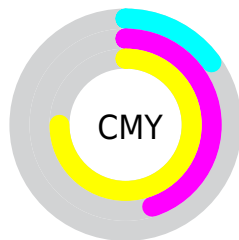
- Red (85%)
- Green (55%)
- Blue (25%)



- Red (85%)
- Yellow (85%)
- Blue (25%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 55.653, 66.443 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, 55.653, 66.443 by changing the saturation by 10% instead.

 65, 55.653, 66.443

 65, 55.653, 66.443

 100, 55.653,
66.443

 55, 55.653, 66.443

 85, 55.653, 66.443

 45, 55.653, 66.443

 95, 55.653, 66.443

 35, 55.653, 66.443

 25, 55.653, 66.443

 15, 55.653, 66.443

 5, 55.653, 66.443

 0, 55.653, 66.443

 65, 55.653, 66.443

 65, 55.653, 66.443

 62, 63.807, 64.851

 68, 47.041, 67.836

60, 70.662, 62.801

71, 38.445, 69.144

58, 75.540, 60.175

74, 30.087, 70.422

77, 22.060, 71.686

80, 14.391, 72.934

83, 7.071, 74.148

87, 0.078, 70.400

90, 6.619, 256.670

93, 11.136,
250.441

Harmonies

Complementary

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



65, 55.653, 66.443



57, 45.701, 271.655

Rectangle

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



65, 55.653, 66.443



65, 55.653, 116.443



65, 55.653, 246.443



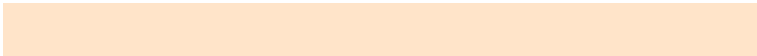
65, 55.653, 296.443

Sweetspot

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



65, 55.652, 66.446



92, 17.181, 72.802



52, 65.338, 352.764



48, 11.706, 72.455



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 55.652, 66.446



71, 76.018, 63.976



84, 72.693, 103.915



43, 3.920, 74.231



46, 63.066, 60.840



10, 17.037, 59.277

Inverse Universe

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



57, 45.701, 271.655



61, 61.952, 277.735



38, 90.990, 301.884



43, 3.835, 256.721



37, 53.208, 283.803



7, 17.200, 272.928

Previews

White Background



This preview shows how the CIELCh color 65, 55.653, 66.443 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, 55.653, 66.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

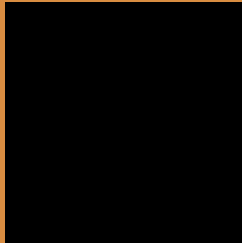
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 55.653, 66.443

Background



This preview shows how black text looks on a background with the CIELCh color 65, 55.653, 66.443.



This preview shows how white text looks on a background with the CIELCh color 65, 55.653, 66.443.

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, 55.653, 66.443

Protanopia

65, 47.569, 95.258

Deuteranopia

65, 52.296, 80.510



Tritanopia
65, 36.950, 15.083

Trichromacy



Original Color
65, 55.653, 66.443

Protanomaly
65, 48.850, 83.790

Deuteranomaly
65, 53.090, 75.439

Tritanomaly
65, 39.334, 39.602

Monochromacy



Original Color
65, 55.653, 66.443

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 19.412, 72.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 55.653, 66.443 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(217, 141, 65)` looks like.

```
.text, #text, p{  
    color:rgb(217, 141, 65)  
}
```

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(217, 141, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 141, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 55.653, 66.443 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(217, 141, 65) }
```

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

```
.border{ border-color:rgb(217, 141, 65) }
```

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

Here you see how a box with a 4 pixel rgb(217, 141, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 141, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 141, 65);  
box-shadow:4px 4px 4px 4px rgb(217, 141,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 55.653, 66.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 141, 65) }
```

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

```
.background{ background-color: rgb(217,  
141, 65) }
```

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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